

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



EXECUTIVE OFFICER'S REPORT
July 25/26, 2013
REVISED

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SUCCESS STORIES

1. On 10 July 2013, Redding staff Engineering Geologist Drew Coe received word that he successfully passed the California Registered Professional Forester's (RPF) exam. As part of the region's Timber Harvest Regulatory program and along with one other RPF in the program, Drew's RPF license provides the Water Board with additional credibility when working with the Board of Forestry, CalFire and regulated RPFs.
2. **Volunteer of the Year Award.** On 15 June, Greg Cash was presented with the Volunteer of the Year Award from the Superintendent at Whiskeytown National Recreational Area, for his past volunteer duties at Whiskeytown. The Award was for volunteering for the kayak tours, hiking tours, representing Whiskeytown at local outdoor recreational shows, and volunteering for special-access kayak tours, during the past six years. During the tours, Mr. Cash would field questions from the public dealing with water treatment, wastewater treatment, the Central Valley Water Project and general water quality questions.
3. **Compliance Inspections**
At the beginning of fiscal year 2012/2013, there were approximately 550 dairies that had not been inspected since the Dairy General Order was adopted in 2007. Staff committed to eliminate this backlog of dairy inspections by the end of the fiscal year (1 July 2013). With the exception of two dairies that have since been inspected during the first week of July, that goal was achieved and the backlog of dairy inspections has been eliminated. Staff will continue to inspect the approximately 1300 dairies in the Region on a regular three-year basis. Dairies that have had compliance issues may be inspected more frequently. The results of the increased inspections indicated that most backlogged dairies were at a comparable level of compliance with the Dairy General Order as the rest of the dairy population. Compliance issues include minor record-keeping or maintenance issues, as well as problems with lack of documentation that nutrient management plans are being fully implemented. Staff will follow progressive enforcement and is considering more formal enforcement for dairies that have violated the nutrient management requirements of the General Order. (DKP)
4. **Cleanup and Abatement Order for State Parks and SFPUC at Mitchell Ravine Rescinded, Alameda County.** In 2008, the Executive Officer issued Cleanup and Abatement Order (CAO) R5-2008-0713 to the California Department of Parks and Recreation and the San Francisco Public Utilities Commission, Hetch Hetchy Water and Power division for unpermitted grading activities in Mitchell Ravine, a tributary to Corral Hollow Creek. The land is part of the State Parks' Carnegie State Vehicular Recreation Area. Hetch Hetchy Water and Power has an easement for its water supply pipeline/tunnel to the Bay Area through the area. Grading by Hetch Hetchy Water and Power impacted the streambed and biological resources in the ravine and left the area prone to excessive erosion. The CAO required the agencies to develop a stabilization plan, obtain the appropriate permits, and repair the damaged area. The CAO was revised in 2010 to also require stabilization of waste rock piles which were leftover from tunnel construction in the 1920's and 30's. Under the leadership of State Parks, the restoration work was recently completed and the Executive Officer rescinded CAO R5-2008-0713-R01 on 19 June 2013.
5. **Consolidation Unit and Combined Cap Remedial Design Documents Completed at the Former McClellan Air Force Base, Sacramento County.** In May 2013, the Air Force and the regulatory agencies completed the approval process for the Final Focused Strategic Sites Consolidation Unit and Combined Cap Remedial Design Documents for 6 sites at the former McClellan Air Force Base (McClellan). The completion of the design documents allows construction of a consolidation unit and combined cap to proceed this summer at McClellan. The consolidation unit has been designed for a capacity of 360,000 cubic yards of waste. Waste from several focused strategic sites is estimated to consume approximately one-half of the capacity. The remaining capacity of the consolidation unit will be taken up by wastes from other sites around McClellan. The consolidation unit will be constructed to comply with federal and state requirements and will consist of a double composite liner with a leachate management system. Once the consolidation unit capacity is reached it will receive a final cap to prevent infiltration of rain and surface water. A combined cap will also be constructed over five sites consisting of unlined trenches where industrial and laboratory wastes were buried along with ash and burn debris from incineration of industrial waste and an area used for fire training. The combined cap covers an area of approximately 8.1 acres. These sites are being closed as a unit because of their proximity and similarity of the disposal trenches. The focused strategic sites are considered "strategic"

because these sites contain the largest volume of waste to be addressed at McClellan and are the most costly of the sites requiring remedial actions. (JDT)

6. **Transfer of Former Mather Air Force Base to Sacramento County, Sacramento County**
On 5 June, the Air Force and Sacramento County celebrated the transfer of the former Mather Air Force Base to Sacramento County. The transferred parcels include the remaining Air Force parcels, except for Parcel G, and comprise approximately 2,267 acres for aviation, light industrial, educational, and commercial use. Many sites that were impacted by historical Air Force activities are included in this transfer. Nearly two decades of Air Force cleanup efforts have remediated a significant portion of the contaminated soils and groundwater at these sites. Where contamination still remains in-place at levels that are not safe for unrestricted use, the Air Force has implemented land use restrictions to protect current and future site occupants. Parcel G is expected to transfer to Sacramento County soon and comprises approximately 1,985 acres proposed for parks and recreational use, habitat conservation, and economic development. The transfer of Mather marks completion of a major milestone for the Air Force and is expected to provide future homes, parklands and additional jobs for the local community. The airport parcel contains one of the longest runways on the West Coast and has already become a major cargo hub. The transfer celebration was attended by Air Force representatives, Sacramento County's Board of supervisors and other local dignitaries, and staff from the Central Valley Water Board. (MLP)
7. **No Further Action Required at Wilbur-Ellis Twin Cities Road Facility, Sacramento County**
A failure in the support structure of an above-ground cone tank released about 1,400 gallons of zinc sulfate solution to ground. About 400 gallons of solution were recovered, approximately 40 cubic yards of visibly-affected soil was removed, and subsequent soil sampling guided the final excavation of nearly 175 cubic yards of soil contaminated with zinc sulfate. Groundwater was not affected, and it was determined on 7 May that no further action was needed at the Wilbur-Ellis Twin Cities Road. (AST)
8. **No Further Action Required, Former Tidewater Associate Oil Company-Linora Pump Station, 27219 Pfizer Road, Gustine, Merced County.** A No Further Action Required Status letter was issued to the Chevron Environmental Management Company for the Former Tidewater Associate Oil Company-Linora Pump Station near Gustine. The site was one of many pump stations along a pipeline that transported crude oil from Coalinga to the Bay Area from the early 1900s to the 1970s. Several environmental investigations ultimately determined that the residual crude oil that remained at the site did not pose a significant threat to water quality, human health, or the environment and could be left in place to naturally biodegrade. A Fact Sheet was issued to nearby residences indicating the Central Valley Water Board's intention to close the site. After a 30-day public review period, no comments were received and Central Valley Water Board staff issued a 29 May 2013 No Further Action Required letter.
9. **No Department of Defense Action Indicated (NDAI), Former Hammer Field, Fresno, Fresno County**
The United States Army Corps of Engineers (USACE) submitted documentation indicating that 32 sites at former Hammer Field qualified for NDAI status. Hammer Field was used by the Army Air Force during World War II. A total of 32 sites were evaluated as having potential environmental concerns. Investigations were conducted that included one or more of the following: records research, site visits, geophysical surveys, underground storage tank removals, and soil sampling and chemical analysis. At each site, the evidence found during the investigations supported the NDAI determination. Central Valley Water Board staff concurred with the NDAI determination
10. **No Further Action Required - Underground Storage Tanks (UST)**
Following are sites where Board staff concluded that residual hydrocarbons 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 investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

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

• **494 Park Boulevard, Orange Cove**

Two gasoline USTs were abandoned in place by backfilling with slurry in the 1980's. As part of an ongoing investigation and cleanup of a property east of 494 Park Boulevard, a groundwater monitoring well was installed adjacent to the abandoned USTs. Trace concentrations of gasoline were detected in soil. Depth to groundwater was about 12 feet. Moderate concentrations were initially detected in groundwater but have since shown a decreasing trend. Soil samples collected beneath the dispensers contained only trace concentrations of gasoline. The case meets the Low Threat Closure Policy (LTCP) closure criteria and was closed on 7 May 2013.

• **Central High School West Campus, 2045 East Dickenson, Fresno**

One 10,000-gallon diesel/fuel oil UST was removed during March 1989, and diesel and oil and grease were detected in soil. Fresno County referred the site to the Central Valley Water Board in 2004. Subsequent investigations found diesel and oil and grease to a depth of approximately 60 feet, near the depth of groundwater. Four groundwater monitoring wells were installed, and diesel was initially detected but concentrations subsequently decreased to non-detect. A risk assessment performed with DTSC oversight found the release does not pose a threat to indoor air. The case is not within a public water system, and therefore does not meet that criteria of the LTCP. However, the case does meet the other criteria of the LTCP, and was closed as low risk 1 May 2013.

• **Maurilio Valero Property, 25722 East Adams Avenue, Orange Cove**

The site was formerly a cotton gin and is currently vacant. One 550-gallon UST was removed in 1991 and gasoline detected in soil. Fresno County referred the site to the Central Valley Water Board in 2004. Four borings were drilled during 2006 and only trace concentrations of petroleum hydrocarbons detected. A well, approximately 30 feet from the release was sampled and did not contain gasoline constituents, and was subsequently destroyed. The case is not within a public water system and, therefore, does not meet the criteria of the LTCP. However, the case does meet the other LTCP criteria, and was closed as low risk on 18 June 2013.

• **Orange Cove Liquor, 410 Park Boulevard, Orange Cove**

The site contains an operating gas station and convenience store. Product lines were removed in 1998, and gasoline was detected in soil. Subsequent investigations determined that the gasoline plume in shallow groundwater was about 350 feet long. Vapor extraction and air sparging was performed between December 2003 and March 2001, and about 1,200 pounds (~190 gallons) of gasoline were removed. Due to persistent gasoline constituents being present in groundwater, oxygen was injected into groundwater between July 2011 and April 2013. Concentrations of petroleum hydrocarbons in groundwater have been steadily declining since remediation was implemented, and the plume is stable and shrinking. The case meets the LTCP closure criteria and was closed on 29 May 2013.

• **Robert V. Jensen, 940 I Street, Reedley**

The site is an operating gas station and convenience store. Product piping and dispensers were replaced at the site during 2004, and gasoline was detected in soil. Subsequent investigations found groundwater at approximately 55 feet deep, to be impacted. Soil vapor extraction and air sparging was performed between February 2011 and June 2011; and again between December 2011 and March 2012, and removed about 4,450 pounds (~700 gallons) of gasoline. When last sampled in June 2012, no gasoline constituents were detected in groundwater. The case meets the LTCP criteria and was closed on 18 June 2013.

• **Star 1 Mart, 13462 East Manning Avenue, Parlier**

The site is an operating service station and convenience store. Four USTs were removed in 2004, and gasoline detected in soil. Soil borings drilled to 50 feet detected trace concentrations of MTBE to the total depth drilled. Five groundwater monitoring wells were installed, with groundwater encountered at a depth of 52 feet. The wells were sampled on two occasions. During the first sampling event a trace of MTBE was detected in one well. No gasoline constituents were detected during the second sampling event. The case meets the LTCP closure criteria and was closed on 2 May 2013. (JWH)

- **Wright Oil, 114 North Sumner, Fowler**

The site is an operating commercial facility that sells diesel fuel and propane that are stored in above ground storage tanks (ASTs). The case closure is for the release from the USTs that stored gasoline. Diesel found in soil and groundwater is a result of a release from the ASTs. Three gasoline USTs were removed from the site in 1999, and gasoline was detected in soil. Fresno County referred the site to the Central Valley Water Board in 2008. Five borings were drilled to depths of 60 feet in 2010. Groundwater was encountered between depths of 55 and 60 feet. No gasoline constituents were detected below a depth of 40 feet, and the majority of the petroleum hydrocarbons detected were diesel. The gasoline release meets the LTCP closure criteria and the case was closed on 24 June 2013. Cleanup and investigation of the AST release will be overseen by the Site Cleanup Program staff.

- **California Products Company, 3000 East Butler Avenue, Fresno**

Two fuel oil USTs were removed from the site in 1994, and fuel oil was detected in soil. Approximately 3,000 cubic yards of impacted soil were removed at that time. An investigation performed in 1995 determined that the impacted soil extends to a depth of 55 feet. Groundwater was estimated to be at a depth of 100 feet. Fresno County referred the site to the Central Valley Water Board in 2007. An investigation performed in 2013 determined that the release is not a threat to indoor or outdoor air, or utility workers. The case meets the LTCP closure criteria and was closed on 6 June 2013.

- **Venture Out, 3672 South Maple, Fresno**

Three USTs were removed in 1989 and waste oil was detected in soil. Fresno County transferred the case to the Central Valley Water Board in 2008. An investigation performed in 2013 determined that petroleum impacts did not extend below 5 feet below ground surface and the release does not pose a threat to human health or the environment. The case meets the LTCP closure criteria and was closed on 26 June 2013.

- **Greyhound Bus Depot, 1033 Broadway, Fresno.** Two diesel USTs were removed in 1993, and diesel was detected in soil. About 175 tons of impacted soil was excavated at the time of tank removal, removing about 1,500 pounds (250 gallons) of petroleum. An initial investigation determined the lateral extent in shallow soil. Fresno County referred the case to the Central Valley Water Board in 2007. An investigation performed in 2008 and 2009 determined the release did not extend below 70 feet. Depth to groundwater is approximately 110 feet. The case meets the LTCP closure criteria and was closed on 14 May 2013. (KDJ)

Kern County

- **YRC, 4901 Lisa Marie Ct., Bakersfield**

Petroleum staining was observed in soil beneath the UST during August 2012 UST system removal activities, and analytical data confirmed a diesel release. An undetermined mass of hydrocarbons were removed by over-excavation. Confirmation soil sampling suggested that most of the hydrocarbon mass had been removed and that groundwater was not threatened. The case meets the LTCP closure criteria and was closed on 20 May 2013. (JDW)

- **Beacon Station No. 596, 3225 Buck Owens Drive, Bakersfield**

The site is an operating service station and convenience store. A release from the UST system was discovered during 1991, and groundwater monitoring began during 1993. Approximately 310,000 lbs. (50,000 gallons) of diesel constituents and 66,000 lbs. (10,650 gallons) of gasoline constituents in 8,500 cubic yards of soil were removed during 1997. A soil vapor extraction system removed an additional 5,000 lbs. (800 gallons) of gasoline constituents from 1999 to 2001. Free diesel product was formerly detected, and elevated dissolved concentrations remained in groundwater in one area along the site boundary, delaying closure. It was determined that water quality goals could be achieved by natural attenuation. The case meets the LTCP closure criteria and was closed on 22 May 2013.

- **Delimart Shell, 6600 Rosedale Highway, Bakersfield**

The site is an operating service station and convenience store. Site assessment during 2011 for a property transfer discovered diesel fuel releases in the dispenser and the USTs areas. Additional investigation verified that vertical migration was limited to less than 15 feet bgs, and defined the approximate lateral extent. It was determined that approximately 3,800 lbs. (600 gallons) of hydrocarbons remain in subsurface soil but do not pose a threat to human health, and should degrade naturally. The case meets the LTCP closure criteria and was closed on 30 May 2013.

- **Bear Patch Farmers Market, 8114 E. Bear Mountain Boulevard, Bakersfield**
The site is an operating service station and convenience store. Gasoline releases from the fuel dispenser and UST areas were discovered during 1998 site assessment. Groundwater monitoring began during 2003. Approximately 400 lbs. (65 gallons) of gasoline were removed by excavation during 2008 UST system removal activities. The case was transferred to the Central Valley Water Board during 2011. An additional 2,500 lbs. (400 gallons) of gasoline constituents were removed by soil vapor extraction during 2012. The case is not within a public water system and, therefore, does not meet the criteria of the LTCP. However, the case does meet the other criteria of the LTCP and was closed as low risk on 17 June 2013.
- **Delano City Corporation Yard, 725 S. Lexington St., Delano**
A gasoline release from the UST system was discovered during 1998 UST system removal. The case was transferred from the local agency in 2004. The extent of soil affected by the release was determined by investigations carried out in 2003 and 2004. Approximately 17,000 lbs. (2,750 gallons) of gasoline were removed by vapor extraction between 2010 and 2012. Groundwater underlying the Site was also impacted by the release. The case meets LTCP criteria and was closed on 17 June 2013.
- **Fastrip Food Store #1, 805 Garces Highway, Delano**
The site is an operating service station and convenience store. A UST system release was discovered during 1988, as a result of a failed integrity test. The extent of affected soil and groundwater was determined by investigation between 1993 and 2012. Approximately 21,450 lbs. (3,450 gallons) of gasoline constituents were removed by soil vapor extraction between 2007 and 2011. The case was transferred from the local agency during 2011. Confirmation soil and groundwater sampling conducted during 2012 indicated that secondary source removal had been completed, Residual dissolved constituents were unlikely to threaten sensitive receptors and should degrade naturally. The case meets LTCP criteria and was closed on 24 June 2013.
- **Frazier Park Chevron, 161 Frazier Mountain Park Road, Lebec**
The site is an operating service station and convenience store. A diesel release was discovered during November 2011, by investigation conducted in connection with a property transfer. The local agency transferred the case in 2012. Diesel and gasoline constituents were not detected during 2013 site assessment. The case meets LTCP criteria and was closed on 24 June 2013.

Madera County

- **Jiffy Mart, 1505 Robertson Boulevard, Chowchilla**
The site is currently operated as a service station and convenience store. Three USTs were removed from the site during 1998 and gasoline was detected in soil. Subsequent investigations found that groundwater had also been impacted. Soil vapor extraction and air sparging performed between March 2010 and April 2011 removed about 16,000 pounds (2,580 gallons) of gasoline. During the most recent groundwater monitoring event, only a trace of 1, 2-DCA was detected in one well. The site meets the LTCP closure criteria and was closed on 2 May 2013.

b) **REDDING OFFICE**

None

c) **SACRAMENTO OFFICE**

Colusa County

- **BC Stocking, 1802 Hwy 99, Williams**
Five underground storage tanks (UST) were removed from the site in January 2000 and gasoline was detected in soil. Seven monitoring wells and 22 soil borings were advanced and sampled. A human health risk evaluation concluded; remaining impacted soil is not a threat to human health and sensitive receptors are not threatened. It is estimated that about 2.23 gallons of TPH remain and will continue to degrade over time. Water Quality Objectives are estimated to be met within 10 years. All wells were abandoned in May 2013. The site was closed on 24 May 2013.

Placer County

- **Mel's Chevron, 240 South Auburn Street, Colfax**
In April 1991, five gasoline USTs and one waste-oil UST were excavated and removed from the site. In April 1992, two new 10,000-gallon USTs were installed, and the site continues to operate as a retail fueling facility. Active remediation removed over 2,645 gallons of petroleum from the subsurface, and less than 2 gallons are estimated to remain. The residual petroleum plume is defined, stable and petroleum constituent concentrations are expected to reach water quality objectives in about 22 years. The site was closed as a low risk case on 6 June 2013.
- **Former Arco # 1334, 1632 Douglas Boulevard, Roseville**
In 1989, six USTs were removed from the Site, and in September 2004, the Site's remaining UST system with three 12,000 gallon USTs, were also removed from the Site. Elevated petroleum concentrations were once present beneath the Site; however, a combination of active remediation and natural attenuation removed over 1,460 gallons of petroleum and less than 60 gallons remain. The residual petroleum plume is well defined, concentrations in groundwater continue to decline, and constituent concentrations in groundwater are expected to reach water quality objectives within 26 to 40 years. The Site was closed on 6/19/2013.
- **Colfax High School, 24995 Ben Taylor Road, Colfax**
In August 1987, a 10,000-gallon fuel-oil UST and a 1,000-gallon gasoline UST were removed from the site. In August 2009, the Site's last remaining UST, a 15,000-gallon fuel-oil tank was removed. Constituent concentrations have decreased with time, less than a pound of petroleum remains in groundwater, and the residual petroleum in groundwater is expected to reach water quality objectives by 2020. The Site was closed on 6/20/2013.
- **Caltrans Auburn Maintenance Station, 1050 Highway 49, Auburn**
In January 1987, an 8,000-gallon gasoline UST and a 1,000-gallon diesel UST were removed from the Site. Remedial efforts removed over 22,640 pounds (3,650 gallons) of petroleum from the subsurface and about 200 pounds (30 gallons) remain. While petroleum concentrations in the source area are not expected to degrade below WQO for over 100 years; the Site's groundwater plume is shrinking, and petroleum concentrations in all other Site wells are expected to meet WQO within about 25 years. Results of a risk assessment show that remaining petroleum constituents may pose a threat to human health however, agreements with CalTrans outlined in the January 2013 Soil Management Plan, reduce potential threats to human health. The Site was closed on 20 June 2013.

Yolo County

- **BC Stocking Cardlock, 341 Industrial Way, Woodland**
Eight underground storage tanks (UST) were removed from the Site in June 1998. During removal an unauthorized release was identified. About 350 cubic yards of impacted soil was removed. Five monitoring wells and 22 soil borings were advanced and sampled. Soil removal and natural degradation have reduced impacts. A human health risk evaluation showed remaining soil not threat to human health and safety. It is estimated that about 3,016 kg TPH remain in soil and will continue to degrade over time. All wells were abandoned in April 2013. The site was formally closed on 24 May 2013.
- **Interstate Cardlock (Former Norcal Petroleum Cardlock), 801 East Street, Woodland**
In 1996 the old dispensers and associated pipelines were found to have leaked petroleum hydrocarbons. These dispensers and pipelines were removed and contaminated soil beneath the dispensers was removed. An estimated 2,366 pounds (380 gallons) of fuel was removed as a result of excavation activities. Groundwater monitoring indicates the pollutant plume concentrations are decreasing and should reach water quality goals within 95 years. A human health risk assessment indicated there is no potential risk to human health for commercial land use. On 4 April 2013 all groundwater monitoring wells and soil vapor probes were destroyed under permits from YCEHS. On 10 May 2013 a NFAR letter was issued for closure of this case. (DFS)

Local Agency UST Closures with Concurrence of Board Staff

Sacramento County

- American Food Store, 5682 Main Avenue, Orangevale

- Favero Property, 1931 30th Street, Sacramento
- Chevron Service Station #9-4697, 2000 Arden Way, Sacramento
- 1000 Del Paso Boulevard, 1000 Del Paso Boulevard, Sacramento
- Park N Gas, 8329 Folsom Boulevard, Sacramento
- Hamatani Farms, Inc., 960 Lambert Road, Courtland

Tulare County

- Red Fir Maintenance Station, 64600 Generals Highway, Lodgepole
- Gifford's Market, 35637 Highway 190, Springville

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 link below and was used to develop the FY 2012-2013 performance targets http://www.waterboards.ca.gov/about_us/docs/resource_alignment_report.pdf

Region 5 Performance Measurement Summary from 1 July 2012 to 24 June 2013. The benchmark is currently at 98% for the 2012-2013 fiscal year.						
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
NPDES Wastewater						
Major Individual Permits Issued, Revised and Renewed	9	7	78%	7	n/a	Two permits were delayed because additional research was required. Jackson wastewater treatment plant has unusually stringent disinfection limits due to the presence of drinking water intakes downstream of the discharge. The drinking water intakes are being relocated. We are consulting with Department of Public Health on disinfection standards. The applicability of the municipal use to the City of Davis is being researched, which impacts several effluent limits.
Major Individual Permits Inspections	54	50	93%	n/a	59	
Minor Individual Permits Issued, Revised and Renewed	14	12	86%	n/a	n/a	During the fiscal year three general permits have been renewed, and several permits have been rescinded (which do not count towards the target, but does reduce the permit backlog).
Minor Individual Inspections	30	37	123%	n/a	42	
Minor General Enrollees Inspections	0	3	200%	n/a	3	
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	34	37	109%	n/a	n/a	
Municipal Waste Facilities Inspections	92	123	134%	n/a	136	
Industrial Waste Facilities Inspections	50	63	126%	n/a	63	
All Other Facilities Inspections	4	10	250%	n/a	10	
Land Disposal						
Landfills Permits Issued, Revised and Renewed	10	12	120%	n/a	n/a	
Landfills Inspections	60	65	108%	n/a	100	
All Other Permits Issued, Revised and Renewed	7	7	100%	n/a	n/a	
All Other Inspections	50	49	98%	n/a	57	
NPDES Storm Water						
Stormwater Construction Inspections	450	338	75%	315	459	Target was not met due to staff being redirected to enforcement activities.
Stormwater Industrial Inspections	202	203	100%	190	231	
Stormwater Municipal Inspections	1	7	700%	n/a	8	
Other Programs						
Timber Harvest Inspections	101	127	126%	n/a	127	
Confined Animal Facility Inspections (Dairies)	450	460	102%	n/a	464	
Clean Up						
New DoD Sites Into Active Remediation	22	27	123%	n/a	n/a	
New SCP Sites Into Active Remediation	28	45	161%	n/a	n/a	
Cleanup Program Sites Projected Closed	79	85	108%	n/a	n/a	
New UST Sites Into Active Remediation	44	62	141%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	120	116	97%	n/a	n/a	Destruction of monitoring wells are required prior to closure. Currently over 40 monitoring wells sites are awaiting destruction but have not been completed.
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all re-inspections.						

COMPLIANCE AND ENFORCEMENT

- 1. Cleanup and Abatement Order R5-2013-070 Raymond Paige and Lucas Booker, Wild Rice Irrigation, Little Tule River, Shasta County.** On 12 April 2013, Staff investigated a complaint of sediment-laden water being discharged from agricultural fields into the Little Tule River. Staff observed a surface water discharge of sediment-laden water from a wild rice field on property owned by Raymond Paige and leased/farmed by Lucas Booker. The property is enrolled in the Irrigated Lands Regulatory Program (ILRP). Dischargers flood-irrigate the parcel as part of ongoing rice farming operations. Irrigation water from the site is discharged directly into the Little Tule River. The Little Tule River is tributary to the Fall River, which is tributary to the Pit River, a water of the state of California and a Water of the United States. On 7 June 2013 Cleanup and Abatement Order R5-2013-0702 was issued requiring the owner and operator to immediately take actions to cease the discharge of sediment-laden water and other wastes to waters of the state. The CAO requires the development and implementation of an “*Erosion Control and Irrigation Water Management Plan*” and requires the submittal of the work plan by 15 July 2013, the initiation of the plan by 15 August 2013, and by submitting a completion report by 30 November 2013.
- 2. ACL Order issued to the City of Rio Vista, Northwest Wastewater Treatment Plant, Solano County**
On 14 May 2013, the Assistant Executive Order issued ACLO R5-2013-0541 for Mandatory Minimum Penalties in the amount of \$3,000 for violations of effluent limitations from the Northwest wastewater treatment plant. The effluent violations for ammonia and biochemical oxygen demand occurred during the period 1 July 2010 through 31 December 2012. The City of Rio Vista is a small community with a financial hardship, and therefore the Order allows the \$3,000 penalty to be credited towards a compliance project. In October 2012, the City completed improvements to its sludge dewatering process. This compliance project satisfied the penalty charged in the Order.
- 3. ACL Order issued to the City of Nevada City, Wastewater Treatment Plant, Nevada County**
On 14 May 2013, the Assistant Executive Order issued ACLO R5-2013-0540 for Mandatory Minimum Penalties in the amount of \$3,000 for violations of effluent limitations from the wastewater treatment plant. The effluent violations for ammonia and total coliform organisms occurred during the period 1 March 2010 through 31 December 2012. The City of Nevada City is a small community with a financial hardship, and therefore the Order allows the \$3,000 penalty to be credited towards a compliance project. In October 2012, the City installed a dissolved oxygen control system in its aeration basins. This compliance project satisfied the penalty charged in the Order.
- 4. Violation of Resolution No. R5-2008-0182 and Order No. 2003-003-DWQ, Britz Family Companies/Johnson Well Drilling, Piedra Road Well Location, Fresno County**
Central Valley Water Board staff conducted an inspection based upon a complaint that drilling fluids were entering waters of the State (Alta Irrigation District’s 76 Canal) during work-over (rehabilitation) operations of the water well owned by the Britz Family Companies. Johnson Well Drilling performed the well rehabilitation work. Based on the findings of the investigation, Johnson Well Drilling was issued a 31 May 2013 Notice of Violation. Johnson Well Drilling was in violation of two items specified in Central Valley Water Board Resolution R5-2008-0182 and State Water Resources Control Board Order 2003-003-DWQ: Allowing drilling fluids/cuttings to enter Alta Irrigation District’s 76 Canal (which was dry at the time), a water of the state and tributary to water of the U.S. (Kings River and St. John River); and constructing a sump within 100 feet of a surface water. Cleanup of the canal was not practicable. The sump will be closed in accordance with requirements of Resolution R5-2008-0182.
- 5. Sanitary Sewer Overflow Response Training**
On 27 June 2013, the Enforcement staff from the NPDES and Land Discharge Units attended a Sanitary Sewer Overflow (SSO) Response Training conducted by South Placer Municipal Utility District (SPMUD). The training included record keeping, flow estimating, and how SPMUD responds to SSOs. SPMUD walked staff through: 1) the forms the District has created to ensure that all required information is collected and reported into CIWQS; 2) several methods of estimating the volume of a SSO, including: the “Eyeball Estimation Method”; “Areas and Volumes”; and the “SSO Simulator Spill Rate Method”; 3) the tools and procedures used when responding to a SSO; and 4) SPMUD’s in-house SSO first responder training. Board staff walked away with a greater understanding of what “good” reporting entails, as well as the current methods and technologies used in estimating and responding to SSOs. Board staff would like to thank SPMUD for taking the time to train staff regarding their standard operating procedures for SSO responses.

Enforcement Update

Since the last report, the Central Valley Water Board enforcement staff in our core regulatory programs continued to have a productive period and issued the following informal actions for minor violations;

- 67 Notices of Violations
- 9 Staff Enforcement Letters
- 77 2nd Notice of Noncompliance Reports
- 2 Time Schedule Orders
- 1 Clean-up and Abatement Order

In addition staff issued monetary penalty actions in the form of 8 Administrative Civil Liabilities for a total of \$421,860 in liabilities. From a statewide perspective, Region 5 was responsible for approximately 43% of the total actions in the core regulatory programs this period.

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 05/01/2013 Occurred on or before 06/25/2013

RB OFFICE	13267	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	TPA	TSO	VER	TOTAL*
1	0	0	3	0	0	1	0	2	0	0	0	0	0	6
2	0	0	6	0	1	3	0	6	0	0	0	0	4	20
3	0	0	4	0	0	0	0	4	0	3	0	0	0	11
4	2	2	1	2	2	2	1	22	1	1	2	2	1	113
5F	0	0	4	0	0	0	0	26	0	9	0	2	1	42
5R	0	0	1	1	0	0	0	5	0	0	0	0	1	8
5S	0	77	3	0	0	0	0	36	0	0	0	0	2	118
6T	2	2	2	2	2	2	2	2	2	1	2	2	1	22
6V	1	0	0	0	0	0	0	3	0	1	0	0	3	8
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	1	0	0	0	12	2	0	3	0	0	12	30
9	0	0	1	0	0	0	0	1	0	20	0	0	1	23
STATEWIDE*	1	77	24	1	1	9	16	184	4	40	1	2	29	389

ENFORCEMENT ACTION LOOKUP:

13267 = 13267 Letter

CAO = Clean-up and Abatement Order

NNC = Notice of Stormwater Noncomp

SEL = Staff Enforcement Letter

VER = Oral Communication

2nd_NNC = 2nd Annual Report Notice Noncomp

CDO = Cease and Desist Order

NOV = Notice of Violation

TPA = Third Party Action

VER = Verbal Communication

ACL = Admin Civil Liability

EPL = Expedited Payment Letter

NTC = Notice to Comply

TSO = Time Schedule Order

* Columns or Rows count distinct instances of Enforcement Actions.

SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

1. Sampling of Private Wells in Western Yuba City for 1,2,3-Trichloropropane.

Regional Water Board staff, in conjunction with Sutter County Environmental Health Department, coordinated sampling of private water wells in the El Margarita neighborhood of western Yuba City. Previous groundwater sampling in the area has shown the presence of 1,2,3-trichloropropane (1,2,3-TCP) in groundwater migrating towards the neighborhood. 1,2,3-TCP is a probable carcinogen and associated with agricultural chemicals. Eleven of 53 private wells were sampled. Of the eleven sampled wells, six did not contain 1,2,3-TCP, and the other five contained between 0.005 and 0.05 ug/l. At present time, a maximum contaminant level has not yet been established for 1,2,3-TCP in drinking water. In the interim, the California Department of Public Health recommends that public water supply wells containing over 0.5 ug/L of 1,2,3-TCP be removed from service. All wells tested contained levels of 1,2,3-TCP that were an order of magnitude below the CDPH level. Even so, Yuba City is recommending that private well owners take advantage of Proposition 84 funding which is available to assist homeowners to connect to the municipal water system which supplies water taken from the Feather River. (AST)

2. Corcoran State Prison, Mineral Oil Spill, Corcoran, Kings County

On 10 May 2013, California Emergency Management Agency reported a Hazardous Materials Spill of approximately 3,000 gallons of mineral oil from a transformer that exploded and burned at the Corcoran State Prison. The spilled mineral oil was contained within an unlined secondary containment area. Liquid mineral oil was removed to the extent feasible. A sample of the mineral oil confirmed that it was non-PCB mineral oil. A work plan to assess and evaluate the extent of soil degradation has been requested.

3. Treated Sewage Spill, City of Fresno, Fresno County

On 11 June 2013, City of Fresno Department of Public Utilities staff reported a 150,000-200,000 gallon spill of undisinfected secondary effluent from City's reclamation area to public roads near the intersection of S. Cornelia and Muscat Avenues. The spill was caused by a rodent hole in a small uncompacted berm along the perimeter of the reclamation area. The spill was ponded along the public roads and a residential property and resulted in threatened public health hazard conditions. The City vacuumed the spill and disinfected the impacted area. The spill did not reach any local surface waters. Central Valley Water Board staff has completed its investigation and issued a Notice of Violation for failure of containing the effluent and for an inadequate spill prevention plan. The case remains open, pending further investigation.

NOTE:

See Attachment A, "Sanitary Sewer Spill Report" for a listing of all reported sanitary sewer spills for each office.

SITE CLEANUPS

- 1. Remediation Progress, Former One Hour Martinizing Dry Cleaner, 578 Shaw Avenue, Clovis, Fresno County.** Daytom Enterprises is proceeding aggressively with the cleanup of tetrachlorethylene (PCE) in both soil and groundwater. Soil vapor extraction (SVE) combined with air sparging (AS) is being applied to remove PCE that has impacted both soil and groundwater. PCE concentrations in groundwater have dropped significantly from 68 micrograms per liter ($\mu\text{g/L}$) to 6.2 $\mu\text{g/L}$ in an approximate nine-month time span. SVE/AS is continuing to be used to remediate the site.
- 2. Remediation Progress, Former Jones Cleaners, 2089 West Shaw Avenue, Fresno, Fresno County** Daytom Enterprises is proceeding aggressively with the cleanup of tetrachlorethylene (PCE) in soil. Soil vapor extraction (SVE) is being applied to five different soil zones that have been identified above the water table. SVE has been successful in significantly reducing PCE vapor concentrations in soil. Removal of the PCE source in the soil will protect groundwater, which to date has shown PCE concentrations to remain below the drinking water maximum contaminant level of 5.0 micrograms per liter. All soil zones have completed the initial round of SVE and are currently undergoing vapor sampling to determine if the site qualifies for closure or if additional SVE is needed.
- 3. Former Chevron Refinery and Wait Tank Yard, Oildale, Kern County**

The former Chevron Refinery and Wait Tank Yard was operated from the early 1900's to 1986. Groundwater is currently approximately 250 feet below ground surface and a vertically thick sequence of soil and groundwater have been degraded by petroleum hydrocarbons, impacted groundwater is being addressed by deep air sparging with air sparge wells as deep as 150 feet below first encountered groundwater. The deep air sparging has reduced benzene concentrations in the western downgradient portion of the site to below State of California maximum contaminant levels.

Degraded soils at the site have been historically remediated using soil vapor extraction. Soil vapor extraction was operated at the site for approximately 14.5 years. Due to the decreased efficiency of the soil vapor extraction system over time, Chevron proposed using a bioventing system to address the remaining petroleum hydrocarbons in soil. The bioventing system was installed during the first half of 2013 and became operational in June 2013. The system is composed of ten bioventing wells completed principally in the unsaturated zone directly above first encountered groundwater. It is anticipated that the system will remove up to 2,100+ pounds per day of petroleum hydrocarbons by biodegradation. Removal of petroleum hydrocarbons in close proximity to groundwater in the central and eastern portion of the site should expedite removal of petroleum hydrocarbons from groundwater. Air sparging will continue to be used to remediate remaining concentrations of petroleum hydrocarbons in groundwater beneath the site

DELTA ACTIVITIES

1. **Delta Mercury Exposure Reduction Program**

Staff hosted the fourth meeting of the Delta Mercury Exposure Reduction Program (MERP) Workgroup on 24 June 2013. The goal of the Workgroup is to develop a work plan for MERP that will be submitted to the Executive Officer in October 2013. The work plan will include the anticipated income available for the program and prioritized tasks. At the June meeting, the workgroup participants discussed tasks and options for administration of the program.

The workgroup also discussed the difficulties that exist for funding the MERP. The Basin Plan requires that all entities responsible for controlling methylmercury in the Delta, including point and nonpoint sources, conduct mercury exposure reduction activities either individually or collectively. Although letters of commitment to support the collective MERP are not due to the Executive Officer until 31 July 2013, some entities have already stated that having the resources to provide their share (based on proportion of methylmercury load to the Delta) is uncertain. The State Water Board is being asked to allocate money from the Cleanup and Abatement Account to provide a portion (~35%) of the MERP funding needs. The request is made on behalf of State agencies that are expected to participate in MERP, including the Department of Water Resources, the State Land Commission, and the Department of Fish and Wildlife.

2. **Delta Methylmercury Control Studies**

During Phase 1 of the Delta mercury TMDL Implementation Program, point and nonpoint source entities responsible for reducing methylmercury discharges must conduct studies to develop and evaluate methylmercury control measures. An independent, scientific and technical advisory committee (TAC) is advising the Central Valley Water Board staff during the Phase 1 studies, including providing comment on control study work plans. In April 2013, nine group study work plans were submitted, addressing aspects of methylmercury control from the following source types: municipal wastewater treatment, urban stormwater, managed wetlands, tidal wetlands, open water channels, and irrigated agriculture. The TAC met 17-19 June to review the plans and discuss gaps with Regional Water Board staff. In July and August, staff will meet with study planners to review the TAC comments and revise plans as needed.

3. **San Joaquin River Dissolved Oxygen TMDL**

The TMDL Control Program required studies to identify the sources of oxidizable material in the river and to quantify the impact of these substances on dissolved oxygen concentrations as they move downstream into the Stockton Deep Water Ship Channel (DWSC). Studies conducted in the watershed upstream of Vernalis were completed in 2008. Studies being conducted downstream in the Stockton DWSC are scheduled to be completed by December 2013. A draft report of the studies is due in July; an external peer review of the studies, which is being funded by the Ecosystem Restoration Program, will take place in September.

4. **Delta Regional Monitoring Program**

The Delta RMP Steering Committee has continued to meet monthly to develop the program. The Steering Committee selected two co-chairs, Stephen McCord and Joe Domagalski, to lead technical efforts and a technical advisory committee. Aquatic Science Center staff, in coordination with relevant experts and under the direction of the Technical Advisory Committee co-chairs, will be developing white papers to provide a basis so that Steering Committee members can select target constituents based on previously developed criteria. Draft white papers will be presented to the Steering Committee at the 21 August meeting. In addition, a subset of RMP participants have formed a workgroup to discuss changes that may be required in existing permits in order to facilitate the implementation of the Delta RMP.

5. **Delta Plan**

The California Legislature passed the Delta Reform Act creating the Delta Stewardship Council in November 2009. The mission of the Council is to achieve the coequal goals of providing a more reliable water supply for California while protecting, restoring, and enhancing the Delta ecosystem. The Council has written a Delta Plan to implement these goals. The Delta Plan was adopted by the Council on 16 May 2013. Water quality is covered in Chapter 6 of the Plan and can be read at: http://deltacouncil.ca.gov/sites/default/files/documents/files/CH_06_Nov2012.pdf. The water quality chapter contains eight recommendations for the Central Valley Water Board. These recommendations, along with other high priority actions, will be brought to the Board this fall as part of an updated Strategic Work Plan to help guide future Central Valley Water Board work in the Delta (see next item). A short synopsis of each recommendation is provided below.

•**Central Valley Drinking Water Policy:** The Central Valley Water Board should complete the Central Valley Drinking Water Policy by July 2013.

•**Participation in CV-SALTS:** The State Water Board and Central Valley Water Board should consider requiring participation by all relevant water users that are supplied water from the Delta or the Delta Watershed or discharge wastewater to the Delta or the Delta Watershed to participate in the Central Valley Salinity Alternatives for the Long-Term Sustainability Program.

•**Nutrient Study Plan:** The State Water Board and the San Francisco Bay and Central Valley Water Boards should prepare and begin implementation of a study plan for the development of objectives for nutrients in the Delta and Suisun Marsh by 1 January 2014. Studies needed for development of Delta and Suisun Marsh nutrient objectives should be completed by 1 January 2016. The Water Boards should adopt and begin implementation of nutrient objectives, either narrative or numeric, where appropriate, for the Delta and Suisun Marsh by 1 January 2018.

•**Central Valley TMDL for diazinon, chlorpyrifos and pyrethroid insecticides:** The State Water Board and the Central Valley Water Board should complete the Central Valley Pesticide Total Maximum Daily Load and Basin Plan Amendment for diazinon and chlorpyrifos by 1 January 2013. The State Water Board and the Central Valley Water Board should prioritize and accelerate the completion of the Central Valley Pesticide Total Maximum Daily Load and Basin Plan Amendment for pyrethroids by 1 January 2016.

•**Implement Delta Regional Monitoring Plan:** The State Water Board and Regional Water Boards should work collaboratively with the Department of Water Resources, Department of Fish and Wildlife, and other agencies and entities that monitor water quality in the Delta to develop and implement a Delta Regional Monitoring Program that will be responsible for coordinating monitoring efforts so Delta conditions can be efficiently assessed and reported on a regular basis.

•**Mercury TMDL:** The State Water Board, San Francisco Bay and Central Valley Water Boards have completed Total Maximum Daily Load and Basin Plan Amendments for methyl mercury and efforts to support their implementation should be coordinated. Parties identified as responsible for current methyl mercury loads or proponents of projects that may increase methyl mercury loading in the Delta or Suisun Marsh should participate in control studies or implement site-specific study plans that evaluate practices to minimize methyl mercury discharges. The Central Valley Water Board should review these control studies by 31 December 2018 and determine control measures for implementation starting in 2020.

•**Evaluate wastewater recycling, reuse, or treatment:** The Central Valley Water Board, consistent with existing water quality control plan policies and water rights law, should require responsible entities that discharge wastewater treatment plant effluent or urban runoff to Delta waters to evaluate whether all or a portion of the discharge can be recycled, otherwise used, or treated in order to reduce contaminant loads to the Delta by January 1, 2014.

•**Manage Dissolved Oxygen in Stockton Ship Channel:** The State Water Board and the Central Valley Water Board should complete Phase two of the Total Maximum Daily Load and Basin Plan Amendment for dissolved oxygen in the Stockton ship Channel by January 2015.

6. **Bay-Delta Conservation Plan-New Strategic Work Plan for Activities in the Delta**

The State Water Board and the San Francisco and Central Valley Water Boards adopted a joint Strategic Work Plan for Activities in the Bay-Delta Estuary in 2008. The purpose of the Work Plan was to describe a suite of high priority projects, deliverables, timelines, and resources needed to address a suite of potential beneficial use impairments in the Estuary. The Work Plan was for a 5-year time period. Most of the projects described in the 2008 Work Plan have been completed. Therefore, State Water Board staff requested that the two Regional Water Boards begin preparing a new Strategic Work Plan to guide future high priority work in the Estuary. For consistency the State Water Board staff requested that both Regional Water Boards update their Strategic Plans using a web-based format with links to each topic. Central Valley Water Board staff did so on the Board's "Delta Water Quality" page but to date have only included unfinished activities from the already approved 2008 Strategic Work Plan. Staff intends to present a new updated Strategic Work Plan to the Board this fall.

The new Plan will include unfinished activities from the 2008 Strategic Work Plan, water quality recommendations adopted by the Delta Stewardship Council in their new Delta Plan, and some new high priority activities proposed by Stakeholders and staff.

GROUNDWATER QUALITY PROTECTION STRATEGY

Groundwater Quality Protection Strategy for the Central Valley Region, 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. Development of a second phase workplan has begun and 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.

The State Water Board is currently working on a statewide Groundwater Strategic Workplan that will be released for public review in late July 2013. The draft workplan, which will include strategies and recommendations for addressing groundwater issues, will be considered by the State Water Board at a later date. Central Valley Water Board staff is coordinating efforts with the State Water Board. A report to the Central Valley Water Board is planned for the October 2013 board meeting which will include the status of work completed in the region over the last two years, presentation of a workplan for the next two years, as well as the linkage between the Groundwater Quality Protection Strategy for the Central Valley Region and the State Water Board's Groundwater Strategic Workplan.

During the next few months, the strategy will be reviewed and reused/updated. Staff will initiate outreach efforts and develop a workplan to complete the strategy update.

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. An annual update to the Central Valley Water Board is anticipated for a board meeting this fall. 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://cvssalinity.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 have begun drafting two white papers titled:

- Site Management Strategy for Subsurface Investigations, Resource Toolbox
- 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. Additional remote workshops and Board meetings are being scheduled over the next six months.

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

SALINITY AND CV SALTS

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

Recent CV-SALTS Executive Committee discussions have focused on reviewing current regulatory structure and evaluating alternative compliance strategies to address areas that are currently impaired with no short term implementation mechanism to improve water quality to the level that would meet existing beneficial uses (e.g. nitrate contamination in ground water serving as a drinking water supply). An informational item on these discussions and potential alternatives is tentatively scheduled for the July 2013 board meeting. Technical work to support a Central Valley Salt and Nitrate Management Plan (SNMP) is continuing as follows: a final report on salinity and nitrate criteria to protect stock watering was approved in June; a technical report on salinity criteria to protect aquatic life is anticipated in August; initial cropping zones have been proposed for utilization in developing area specific interpretations of the narrative salinity water quality objective to protect agricultural supply; available surface and groundwater quality on salt and nitrate has been compiled and initial evaluations of salt source, transport and loading conducted for 23-analysis zones within the Central Valley floor as well as proposed processes for determining assimilative capacity and general water quality trends in associated groundwater zones has been reviewed; more detailed analyses on source, fate and load has been conducted on two areas (Modesto and Lower Kings River); initial analyses of 10 case studies has been completed for the Strategic Salt Accumulation Land and Transport Study (SSALTS) which is evaluating viable salt disposal alternatives; and a technical report characterizing geohydrology and ground water quality within a portion of the Tulare Lake Bed floor as part of the evaluation of appropriate application of MUN to area ground water is being finalized. 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 Lower San Joaquin River (LSJR) Committee is continuing to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. Technical work to support the effort has been subcontracted with initial efforts focused on characterizing the current water quality and loading throughout the basin and evaluating achievability of a range of potential water quality objectives. As part of the review of implementation alternatives, staff from the US Bureau of Reclamation (USBR) have been providing straw proposals for the development of a Real-Time Management Program (RTMP) to utilize the assimilative capacity of the LSJR to transport salt out of the basin while meeting water quality objectives.

2. **CV-SALTS Meeting Participation**

On 24 April, Jeanne Chilcott participated in a CV-SALTS Fair Share Funding Committee conference call to discuss balancing available budget with project needs.

On 25 April, Jeanne Chilcott participated in a GIS project conference call to discuss mapping tributary water bodies.

On 9 May, Jim Brownell and Jeanne Chilcott participated in the LSJR Committee meeting to discuss updating the project workplan, ranges of potential salinity objectives, determination of achievability, and need to provide additional outreach to local stakeholders.

On 10 May, Jeanne Chilcott participated in the CV-SALTS Administrative meeting to continue discussions on individual technical project status, available funding and upcoming CEQA scoping sessions.

On 14 May, Jim Brownell and Jeanne Chilcott met with members of the LSJR Committee and Larry Walker Associates, Inc. to discuss components of the technical work to be conducted to support development of salinity water quality objectives in the LSJR.

On 16 May, Pamela Creedon, Clay Rogers, Pam Buford and Jeanne Chilcott participated in the CV-SALTS Executive Committee policy meeting which reviewed initial evaluations from the Central Valley salt source/loading/transport model and potential alternative compliance strategies for salt management.

On 17 May, Jeanne Chilcott participated in the CV-SALTS Technical Committee meeting which focused on a review of the City of Live Oak's workplan to develop site specific salinity objectives to protect

agricultural supply, applying beneficial uses on GIS layers of the Central Valley using a “tributary” rule, and status of the Tulare Lake Bed MUN evaluation of a portion of the groundwater basin.

On 20 May, Jeanne Chilcott provided an update on the CV-SALTS effort to the Northern California Water Association’s (NCWA’s) Water Management Task Force.

On 13 June, Jeanne Chilcott participated in the LSJR Committee meeting which focused on final evaluations of background documents for a potential basin plan amendment, technical tasks to be completed prior to August and potential phases and components of a real time salinity management program for the basin.

On 19 June, Jeanne Chilcott participated in the Project Committee meeting to discuss draft results from the Central Valley source/transport/fate salt model.

On 19 June Jeanne Chilcott and Rob Busby participated in the CV-SALTS Technical Committee meeting which included a presentation on scalable solutions to reduce water use and salinity in California winery and food processing cleaning operations, discussion of a draft report on potential salinity impacts to aquatic life and review of status of other technical projects.

On 20 June, Karl Longley, Pamela Creedon, Clay Rodgers, Pam Buford and Jeanne Chilcott participated in the CV-SALTS Executive Committee policy meeting which reviewed results from the conceptual model, discussed policy issues related to limited data sets, identified recommendations for Phase II of the effort, and provided comment and direction on other upcoming activities and projects including the CEQA scoping sessions, interpreting narrative AGR objectives within specific cropping zones within the Central Valley, and insuring adequate funding to complete the overall CV-SALTS effort.

3. United States Bureau of Reclamation—Management Agency Agreement (MAA)

Staff met on May 13th and June 10th with representatives of USBR to discuss the status of work related to the MAA that addresses mitigation of salt imports to the San Joaquin River basin by maximizing salt exports from the Basin while protecting beneficial uses. Topics included continued USBR staff development of a RTMP framework and potential adaptation of the Watershed Analysis Risk Management Framework (WARMF) model for RTMP implementation. USBR staff will be seeking feedback from the LSJR Committee stakeholders on a process for phasing in full salinity management throughout the basin and anticipates bringing a RTMP framework document to the Board for review and approval in 2013. As specified in our Basin Plan, the alternative to managing salt through a Board approved RTMP would be regulating load allocations through WDR’s beginning in July 2014.

4. 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 is continuing close to schedule with the water quality monitoring at the sites being evaluated and a stakeholder meeting in May 2013. At the meeting, stakeholders reviewed alternatives for the appropriate MUN beneficial use application and water quality objectives in different Ag dominated water body categories. In addition, stakeholders began developing alternatives for implementation. The next stakeholder meeting is scheduled for 19 August 2013 and will continue the discussion on potential implementation measures as well as identifying options for monitoring and surveillance.

MUN Meeting Participation

On 2 May, Anne Littlejohn and Jeanne Chilcott met with representatives from U.S. EPA Region 9’s Water Quality Standards unit in San Francisco to discuss alternatives being considered under the MUN evaluation in Ag dominated water bodies project.

On 14 May, Anne Littlejohn, Calvin Yee and Jeanne Chilcott met with representatives from the California Urban Water Agencies, Metropolitan Water District and Santa Clara Water District in Rancho Cordova to provide an update on the project and obtain stakeholder feedback.

On 28 May, Anne Littlejohn, Betty Yee, Calvin Yang, Jeanne Chilcott and Phil Woodward participated in a stakeholder meeting in Rancho Cordova.

On 12 June, Anne Littlejohn, Calvin Yee and Jeanne Chilcott met with representatives from the California Rice Commission in Sacramento to discuss alternative processes for identifying Ag dominated water body categories and monitoring to ensure downstream beneficial uses are protected.

More information on the project can be found at:

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

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

General Waste Discharge Requirements (WDRs) Development

Individual Growers WDRs

Staff circulated the tentative WDRs for individual growers (those not part of a third-party group) for a thirty day comment period, which ended 22 April 2013. Eight comment letters were received by the due date. The tentative WDRs for individual growers will be considered by the board at the 25/26 July meeting.

Sacramento River Watershed WDRs

On 10 June, Joe Karkoski, Susan Fregien, Ben Letton and Mark Cady met with representatives of the Sacramento Valley Water Quality Coalition (SVWQC) to continue discussion of development of the Sacramento River Watershed WDRs. The primary focus was on the revised WDR.

Sacramento Valley Rice WDRs

On 3 June, Clay Rodgers, Alan Cregan, and Margaret Wong met with the CRC for a technical discussion on the CRC's revised Groundwater Assessment Report (GAR). Major items discussed were the additional data and information requested by staff that were included in the revised GAR.

On 28 June, Joe Karkoski, Susan Fregien, and Margaret Wong met with the CRC to continue discussion of the revised WDR, surface water monitoring requirements, and next steps for the GAR.

Delta WDRs

On 22 May, Joe Karkoski, Susan Fregien, and Chris Jimmerson met with representatives from the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) to discuss the WDRs and MRP.

On 17 June, staff met with representatives from the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) and Sacramento Valley Water Quality Coalition (SVWQC) to discuss the boundary at Tyler Island/Staten Island and in the Dry Creek watershed. The current boundary follows county lines which makes administration of the program efficient for the coalitions. It was agreed that the boundary will not change. To ensure adequate coverage of the Dry Creek watershed, the third parties will take joint responsibility for monitoring and implementation activities.

Western San Joaquin River Watershed WDRs

On 21 May, Joe Karkoski, Susan Fregien, Adam Laputz, and Jelena Hartman met with representatives of the Westside San Joaquin River Watershed Coalition to discuss draft Waste Discharge Requirements and Monitoring and Reporting Program Order for the growers within the Western San Joaquin River Watershed.

On 14 June, staff released an administrative draft of waste discharge requirements and a monitoring and reporting program for growers that are members of the third-party group within the Western San Joaquin River Watershed. Interested-person comments are due by 15 July, and a board workshop will be held on 30 July in Los Banos.

Westlands WDRs

On 14 June, staff released the administrative draft of the waste discharge requirements and a monitoring and reporting program for growers that are members of a third-party group within the Western Tulare Lake Basin Area. Interested-person comments are due by 15 July, and a board workshop will be held on 30 July in Los Banos.

Litigation and Petition

The Sacramento County Superior Court hearing on the Program Environmental Impact Report and the short-term renewal of the conditional waiver took place on 29 March 2013 (Case No. 34-2012-80001186-CU-WM-GDS). On 21 May 2013, the Court issued a final ruling, and on 15 June it issued a peremptory writ of mandate directing the Central Valley Water Board to take all necessary actions to bring the ILRP into compliance with the State Water Board's Nonpoint Source Policy and Resolution 68-16 (Antidegradation Policy). The Court has directed that these actions be completed no later than 14 January 2015. 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

Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections

In May and June, ILRP staff continued conducting inspections of parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. Staff conducted inspections on 5 and 4 days in May and June, respectively, with a total of 279 parcels inspected. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 directives to commercial irrigated lands that are not covered by the East San Joaquin Coalition.

Compliance & Outreach – Water Code section 13260 Directives

In June, ILRP staff mailed 99 13260 directives to landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections). The directives require the recipients to submit proof of coalition membership or a Report of Waste Discharge.

Compliance & Outreach – Complaint Investigation

On June 13th, ILRP staff responded to a complaint of a sediment plume in the San Joaquin River near the community of Crows Landing. Staff found the source of the plume was a bean field discharging sediment-laden irrigation water to an irrigation ditch that outfalls to the San Joaquin River. Staff collected a discharge flow estimate and water samples. Upon returning to the office, staff contacted the responsible grower and made him aware of the sediment discharge. The investigation is currently ongoing.

Coalition Groups

East San Joaquin Water Quality Coalition

On 11 April, the East San Joaquin Water Quality Coalition (Coalition) submitted the outline for the Groundwater Quality Assessment Report (GAR) as required by the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed (Waste Discharge Requirements). Staff reviewed the GAR outline and provided comments to the Coalition on 6 May. The Coalition will provide periodic updates on the progress of the GAR development; the GAR is due on 13 January 2014.

On 11 April, the East San Joaquin Water Quality Coalition (Coalition) submitted templates for Farm Evaluation, Nitrogen Management Plan and Summary Report, and Sediment and Erosion Control Plan as required by the Waste Discharge Requirements. Staff provided comments to the Coalition on 14 June. Staff will meet with the agricultural representatives who participated in the development of the draft templates on 8 July to discuss further steps for template development. The Coalition will address staff comments before the templates are made available for public comment. After public comments are received and considered, the Executive Officer will either approve, conditionally approve, or disapprove the templates.

On 1 May, staff received the 2013 Annual Monitoring Report for the San Joaquin Chlorpyrifos and Diazinon TMDL Compliance Monitoring prepared jointly by the East San Joaquin Water Quality Coalition and the Westside San Joaquin River Watershed Coalition. Staff is reviewing the report and preparing comments.

On 30 May, the East San Joaquin Water Quality Coalition requested an extension for the management plan schedule. The Coalition's request for additional time was due to an intensive effort associated with outreach meetings, new member enrollment, and responding to an increased number of inquiries from new and existing members regarding the Waste Discharge Requirements. The Executive Officer approved the requested extension on 5 June. The granted extension will not affect the subsequent Management Plan milestones.

On 4 June, the East San Joaquin Water Quality Coalition requested to remove Silva Drain at Meadow Drive from its monitoring program. The request indicates that Silva Drain has been filled and no longer exists, and that samples believed to be collected from Silva Drain were actually from a ditch that does not leave the owner's property. The request and the submitted evidence are under staff review.

On 11 June, staff held the 19th 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. The Coalition provided an update on the monitoring results and outreach in the subwatersheds that have active management plans.

Sacramento Valley Water Quality Coalition (SVWQC)

On 3 May, the Coalition submitted a Performance Goals document outlining planned activities to address a Management Plan for malathion in the Colusa Basin Drain. The Coalition also submitted a Source Evaluation Report for lead in the Pit River on 22 May. These deliverables are currently under review by Board staff.

On 8 May, Ben Letton attended the Shasta-Tehama Coalition annual meeting in Red Bluff, CA. Discussion focused on upcoming monitoring requirements, the Sacramento River Watershed WDR, and increases in fees.

On 22 May, the Coalition sent a request to the Executive Officer to determine that the Management Plans for organochlorine pesticides and breakdown products (DDT and DDE) are complete. These requests are under staff review.

On 19 June, Susan Fregien and Mark Cady met with SVQWC representatives for a quarterly Management Plan meeting. Board staff requested some additional information to complete the review of the Coalition's Annual Monitoring Report, as well as other Coalition deliverables currently under review. Also discussed were the status of monitoring sites in Placer County and significance of recent toxicity exceedances in Sacramento County.

San Joaquin County and Delta Water Quality Coalition

On 1 June, the San Joaquin County and Delta Water Quality Coalition submitted their quarterly monitoring data to staff, as part of the Irrigated Lands Regulatory program requirements.

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

On 5 June, staff met with a representative of the Buena Vista Water Storage District which represents a portion of growers within the Kern River Sub-watershed. Topics of discussion included the current status of the tentative Tulare Lake Basin Area Waste Discharge Requirements (WDRs), requirements to form a third-party under the upcoming WDRs, and the hydrology of the Buena Vista-Main Drain area. (BV)

Westside Coalition

On 7 May, staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

On 15 May, staff held the Westside San Joaquin River Watershed Coalition quarterly meeting. Topics included a summary of prior quarter activity, June SAMR status, Coalition's response to no-flow waterbodies, outreach status, and QAPP status.

On 4 June, staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

On 12 June, the Westside San Joaquin River Watershed Coalition submitted its Semi Annual Monitoring Report for the period September 2012 through February 2013. The SAMR is under staff review.

California Rice Commission Coalition

On 14 June, staff comments were provided to the California Rice Commission (CRC) for the 2012 Annual Monitoring Report. By 1 July, the CRC is to submit a report with the corrective actions to ensure QA/QC requirements are met.

Other Projects

Grasslands Bypass Project Pilot Treatment Plant

Construction is under way on a pilot treatment plant that will evaluate methods of removing salt and selenium from agricultural subsurface drainage. The facility is being built by the Bureau of Reclamation in the area served by the Grassland Bypass Project. This project is a key element of the selenium control program in the San Joaquin Basin and manages agricultural drainage from about 100,000 acres of agricultural land in Fresno and Merced Counties west of the city of Firebaugh. Upon completion next winter, the treatment plant will test reverse osmosis, biological treatment and other technologies. This is part of the ongoing effort to reduce the discharge of selenium and other constituents to Mud Slough and the San Joaquin River.

Data Management

Data from 2009 through 2012 for all Coalitions are available to the public on CEDEN. The most recent transfer occurred 20 June 2013 and added data through early 2013 for some coalitions. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in acceptable condition through 1 June 2013 are currently being processed and loaded into the California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). This data is planned to be transferred to CEDEN in September.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside Coalition and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by both Coalitions since program inception. The current goal is to complete the Westside Coalition data by the end of September and the Sacramento Valley Coalition Data by the end of the year.

Prop 84 Grant Funding

Forty-one projects have been completed to date. Approximately half of the total construction funds for the implementation of management practices have been disbursed.

Field measurements have begun as part of a study to validate the accuracy of the soil erosion model. The model is scheduled 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.

Statewide Reports:

Contaminants in Fish from California Rivers and Streams

In May the Surface Water Ambient Monitoring Program released a report on the findings from a 2011 survey of sport fish from 63 popular river and stream fishing locations throughout the state. Multiple fish from each location were analyzed for contaminants to evaluate potential human health risks from fish consumption. In general, the study found low concentrations of contaminants, however high levels of methylmercury were found in fish from the Sacramento-San Joaquin Delta region. The report and additional information about the study can be found at:

http://www.waterboards.ca.gov/water_issues/programs/swamp/rivers_study.shtml. Data from this and previous surveys of fish contaminants can be viewed on the California Water Quality Monitoring Council's Safe to Eat web portal at: http://www.mywaterquality.ca.gov/safe_to_eat/data_and_trends/.

Initial Trends in Chemical Contamination, Toxicity and Land Use in California Watersheds

In April the Surface Water Ambient Monitoring Program released the second report from the Stream Pollution Trends (SPoT) monitoring program. The SPoT program measures sediment toxicity and sediment contaminant concentrations annually in ~100 large watersheds across California to evaluate pollution trends and impacts from urban and agricultural land use. The report found that levels of most pollutants were higher in urban areas than in agricultural or open, undeveloped areas.

Of particular interest are pyrethroid pesticides, which were detected in 85% of the statewide samples collected in 2010, compared to 55% of samples collected in 2008. This report is available at: http://www.waterboards.ca.gov/water_issues/programs/swamp/reports.shtml#spot. Sediment toxicity data from this and other studies can be viewed on the California Water Quality Monitoring Council's Ecosystem Health web portal at: http://www.mywaterquality.ca.gov/eco_health/streams/condition/sediment_tox.shtml.

GENERAL

1. **Treatment of Oil and Gas Well Drilling Fluids**

Central Valley Water Board staff is evaluating the effectiveness of the current waiver of the submission of a Report of Waste Discharge for drilling muds from wells as currently contained in General Waiver Resolution No. R5-2008-0182 (Waiver). The Waiver, which expires on 4 December 2013, currently treats water supply wells and oil and gas wells identically. Drilling muds for oil and gas wells may contain additives that are not typically used in the drilling of water supply wells. A large number of oil and gas wells are drilled within Region 5 each year. Staff is evaluating options for revision of the Waiver in its treatment of oil and gas drilling mud to minimize the long term impact of the sumps on the more vulnerable groundwater.

2. **Oil Field Activities/Hydraulic Fracturing** The Fresno office has an active program to oversee activities within the oil and natural gas producing fields of the Region. These activities are concentrated in the oil fields of the southern and Western portions of the San Joaquin Valley. This area is the priority because of the large amount of water produced with oil, which is typically highly-saline. This area has recently seen an increase in activity associated with new developments in drilling and hydraulic fracturing to stimulate production. Over the past several years, staff has focused its compliance and enforcement activities on closure of unlined sumps and to cease historic practices of discharging well production water to land. Alternatives to land discharge include recycling and deep well injection. Staff continues to work cooperatively with the Division of Oil, Gas, and Geothermal Resources to share information and work together when issues within the oil fields are identified. In addition, staff reviews hydraulic fracturing operations and oil well drilling activities to evaluate compliance with waste discharge to land requirements. Recently staff became aware of a hydraulic fracturing operation and ordered the operator to submit technical information on the operation and waste disposal practices. It appears based on the information provided fluids not associated with the drilling activities were discharged to an unlined sump in the Shafter area. Staff is reviewing that information and identifying appropriate enforcement actions. (DKP/CLR)

3. **Kettleman Hills Facility**

Central Valley Water Board staff is coordinating permitting activities with the California Department of Toxic Substances Control and the U.S. Environmental Protection Agency for renewal of waste discharge requirements for the hazardous waste disposal units at the Chemical Waste Management, Inc. Kettleman Hills Facility. Joint stakeholder meetings are being arranged with the Department of Toxic Substances Control, who is also considering renewal of its permit. Central Valley Water Board staff will actively participate in these joint meetings. If tentative waste discharge requirements are considered by the Board, staff anticipates that residents of Kettleman City would be notified, a special hearing would be held in the community of Kettleman City, selected documents would be available in English and Spanish, and translation services would be provided during the hearing and any other public meetings on this matter.

4. **Safe to Swim Sampling**

Staff in all three offices will be analyzing water samples from recreational areas this summer to evaluate e-coli and pathogenic organisms as part of the Surface Water Ambient Monitoring Program's Safe to Swim project. The samples are collected by staff and watershed groups primarily in the foothills of the Sierras. All of the samples are run in-house for e-coli and selected samples are sent to the University of California at Davis for more sophisticated analyses that can detect giardia and cryptosporidium. Results are provided to the watershed groups and local public health officials. All data collected during the sampling events are also loaded into the California Environmental Data Exchange Center system.

5. **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. Fourteen applications were submitted for projects in the Sacramento River, San Joaquin River, and Tulare/Kern funding areas. Central Valley Water Board staff assisted DWR by providing individual technical reviews including participation in consensus review meetings. Next steps will be for DWR to complete Senior and Management level reviews. Announcement of Draft Recommendations for Public Review is anticipated in August 2013.

6. **(NPS)Nonpoint Source Program Plan** and 5-year Implementation PlanThe purpose of the NPS Program Plan is to improve the State's ability to effectively manage NPS pollution and conform to the requirements of the Federal Clean Water Act and the Federal Coastal Zone Act Reauthorization Amendments of 1990. The 2013 - 2028 Plan for California's NPS Pollution Control Program (NPS Program Plan) is composed of two planning documents – the 2013 - 2028 California NPS Program Strategy and the 2013 - 2018 California NPS Program Implementation Plan. These documents will be developed by staff of the State Water Resources Control Board's Division of Water Quality, the California Coastal Commission (CCC) and in coordination with the Regional Water Quality Control Boards. The Central Valley Water Board has listed several priority programs including San Francisco Bay/Sacramento-San Joaquin Delta, Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS), Diaries, Irrigated Lands Regulatory Program, Timber, and the Watershed Program. The NPS Program Plan is scheduled for consideration of approval by the State Water Board in August 2014.

**STAFF RECOGNITION
SUPERIOR ACCOMPLISHMENT AWARDS**

At the May 30/31 Board Meeting, Executive Officer Pamela Creedon presented superior accomplishment awards to the following staff:

Candidate: Todd Del Frate
Unit: Title 27/Non-15
Title: Engineering Geologist
Supervisor: Wendy Wyels

Todd Del Frate is an Engineering Geologist with the Title 27 Unit. He has been doing an excellent job of resolving long-standing, complex issues at a number of our landfills and other Title 27 sites. He has completed several major enforcement actions, including an Administrative Civil Liability Complaint for the Dellar Landfill, a Cease and Desist Order for the Jackson Road Landfill, a Cease and Desist Order for the Clark Pacific sugar beet facility, and a Cease and Desist Order for the Corral Hollow Landfill. These enforcement orders have resulted in accelerated cleanup or closure of these facilities. Todd also works well with his dischargers and consultants, and attempts to resolve issues prior to resorting to enforcement actions. We appreciate Todd's tenacity and willingness to dig into complicated issues.

Candidate: Debra Hallis
Unit: Forest Activities/NPS
Title: Engineering Geologist
Supervisor: Bryan Smith

Debra is a Geologist in the Timber Harvest Regulatory Unit of the Redding office. The Timber Harvest Regulatory Unit conducts permitting, compliance, and enforcement activities on timber harvesting projects on both federal and non-federal lands.

The Redding office timber unit was directed to participate in a one-year, interagency pilot project with CAL FIRE, DFW and CGS. The pilot project was intended to review and analyze the non-federal timber harvest document review/approval process to determine potential for streamlining or other efficiencies that could be applied statewide. The program manager brought Debra in to the project to assist throughout, yet she excelled at ensuring consistent and thorough internal review in every step along the way. She also provided much needed field perspective and a detailed and exhaustive review of each part of the process.

Additionally, Debra continued to provide a thorough and detailed review of the final draft documents, when the program manager was absent. Her efforts to create a final product will ensure that the legislature is provided with the information necessary for reasoned decisions making in relation to AB 1492.

Debra has shown dedication, desire and purpose, and consistently shows a willingness to work cooperatively with sister agencies. She has developed 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 office as well as to the entire organization.

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

Dania is an Engineer in the NPDES permitting section in our Sacramento office. Dania is very organized, produces high quality work, and has the ability to maintain a high workload. In the past 6 months Dania completed two complex permit renewals, while also completing a permit amendment and two time schedule orders. In addition to her permit writing duties, Dania has demonstrated the initiative to improve our program by developing tools and organizing training for section staff.

Dania assisted in the development of an automated Reasonable Potential Analysis spreadsheet that has improved the efficiency and quality of our data analyses.

Dania used her amazing organizational skills to develop an e-filing system for organizing administrative records during the permit renewal process. The improved system allows for quick and easy retrieval of

documents and results in hours of saved time in the event administrative records are required to be prepared for petitions.

Dania also organized training for the Section that has been very beneficial to staff. She worked with a commercial analytical lab and an aquatic toxicity lab to set up tours and training on water quality data analyses and improve our understanding of toxicity testing. She also organized training for staff to view webinars related to mixing zones and dilution.

In summary, Dania is an outstanding employee that always strives to provide high quality work and goes over and above her required work duties to improve the efficiency and quality of our work.

**EMPLOYEE OF THE MONTH
MAY 2013**

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

Jacqueline works in the NPDES/WDR programs, overseeing several Major NPDES Dischargers, as well as over 30 WDR Dischargers.

Jacqueline works in the South Regulatory Unit (NPDES/WDR Programs), and is responsible for 15 NPDES Dischargers and over 30 WDR Dischargers. She has been the Industrial NPDES specialist for the South Regulatory Unit for the past several years. She regulates the largest Industrial Waste Discharger in our area – Bell Carter Olive Company.

Jacqueline has also been the main contact for the Small Food Processors in our Region. She was instrumental in contacting our Small Food Processors and detailing their requirements for disposal of solids from their waste processes. Jacqueline has worked on several new WDRs for olive processing facilities in Glenn and Tehama Counties.

Jacqueline is currently being transitioned into the NPDES Unit, and she will be thoroughly missed in the WDR Unit.

Her efforts have helped the Regional Board ensure that surface and groundwater quality is being protected, by encouraging better compliance with regulatory requirements.

Candidate: Mark Clardy
Unit: SCP, Department of Defense
Title: Associate Engineering Geologist
Supervisor: James Taylor

Mark has consistently performed work of outstanding quality on several DOD sites. He is an instrumental part of the cleanup team at the former McClellan Air Force Base and has worked with the Air Force to finalize cleanup plans for 88 sites, to complete the work plans for a large landfill consolidation project, and to implement a groundwater cleanup optimization plan.

In addition, Mark's outstanding work resulted in groundwater monitoring design revisions and his timely reviews allowed the projects to proceed on schedule. Mark has handled a very large workload while providing reviews that focus on water quality protection and has represented the Board well in complex negotiations with the Air Force and other federal and state agencies. Mark is a valuable asset to the McClellan Cleanup Project and the Site Cleanup Program.

Mark also juggles cleanup oversight responsibilities at several other DOD sites which have had an unanticipated heavy work load. At the Naval Radio Transmitter Facility, Mark has patiently but firmly helped the Navy's technical team work step by step through the complex issues associated with the detection of hexavalent chromium at significantly elevated concentrations. Mark has presided over the development and implementation of a cleanup plan for excavating a former landfill, and the completion of investigations at another landfill. Furthermore, Mark oversees cleanup at DQ University, one of region's largest Formerly Used Defense sites. Working with the Army Corp of Engineers presents a unique set of constraints and tasks. However, Mark has managed to keep the project moving steadily forward with a clear view in mind of what needs to be done to complete the cleanup at the site.

Candidate: Lisa Wilson
Unit: Irrigated Lands Compliance & Outreach
Title: Environmental Scientist
Supervisor: Brett Stevens

The Board approved the first irrigated lands WDRs to address groundwater in December. Lisa took the lead role in identifying owners of irrigated lands who do not have regulatory coverage. Lisa used Geographic Information Systems (GIS) and closely coordinated with East San Joaquin Coalition staff to ensure we had the latest and most accurate information. Lisa's GIS work identified over 284,000 acres of potential irrigated lands and she led the effort to send over 5,000 letters to landowners informing them of the new requirements. This effort has already led to over 100,000 acres of newly enrolled ag lands.

Additionally, during the May 2013 board hearing, Lisa gave her first board presentation, describing the technology we are using and the compliance steps we will be taking. The board members were impressed with both the content of her presentation and her enthusiastic presentation style.

Lisa is also leading staff efforts to manage the various databases used to track grower outreach and enrollment. To date, staff has relied mostly on MS Excel spreadsheets; however, our program enrollment is growing too large to rely on Excel. Lisa is investigating other interim database options while Region 5 staff is working with State Board staff to develop a long-term state-wide irrigated lands data management system.

JUNE 2013

Candidate: David Kirn
Unit: Sacramento Permitting
Title: Water Resource Control Engineer
Supervisor: Gayleen Perreira

David is a Water Resource Control Engineer in the Sacramento NPDES Permitting Unit. David exhibits a high-level of technical knowledge and experience with POTWs. David performed especially well in writing the difficult City of Davis permit and continues to produce high quality work in development of a statewide Community Water Systems general permit. David also provides a high level of customer service to point source dischargers in Nevada and Sierra counties, always exhibits a positive attitude, and is willing to take on new and additional work beyond his required duties. David's positive attitude and good work ethic make him an asset to the unit and assist in its success.

Candidate: Vinoo Jain
Unit: Title 27 Permitting and Mining Unit
Title: Water Resource Control Engineer
Supervisor: Victor Izzo

Vinoo is being recognized for the number one Title 27 WDRs producer during the past 6 months. He completed three WDRs since January, working with the public and Discharges to produce permits that ensured protection of water quality and were not contested by interested parties. While accomplishing this he continued to manage all his other landfill, mine and surface impoundment sites.

During this time Vinoo helped other staff (Geologist and Environmental Scientist) on reviews of engineering designs in a professional manner and showed real teamwork.

During his technical review he identified a proposed liner design that did not meet the requirements in Title 27. As a result he wrote a technical memo describing the issue. The issue paper was shared at the Statewide Title 27 roundtable.

Candidate: Dan Warner
Unit: NPDES Unit
Title: Water Resource Control Engineer
Supervisor: Bryan Smith

Dan works in the NPDES and WDRs programs, overseeing municipal and industrial dischargers. He also serves as an enforcement specialist.

Dan works in the NPDES and WDR programs in the Redding office where he is responsible for a variety of municipal and industrial dischargers. He is currently focused on writing an NPDES permit that will serve as a template for half a dozen sites with similar operations. Dan also serves as an enforcement specialist for the office, and has been involved with recent enforcement actions.

Dan is hard working and can be relied on to follow through with a project. He also has a great attitude and volunteers for the myriad odd jobs in the Redding office like moving files and furniture, cleaning up the garage, planning the holiday party, etc.

His efforts have helped the Regional Board ensure that surface and groundwater quality is being protected, while at the same time bringing humor and levity to the Redding office.

Candidate: Brent Vanderbaugh
Unit: AG/NPS, SWAMP
Title: Engineering Geologist
Supervisor: David Sholes

During the previous month Brent began and completed the draft Waste Discharge Requirements for the Western Tulare Lake Basin Area for the Irrigated Lands Regulatory Program, maintaining close communications with the major affected party (Westlands Water District), as well as Staff in the Rancho Cordova office. Brent drafted new language exploring possible changes in monitoring requirements for high vulnerability lands, which is being considered for all ILRP Orders. Brent maintained oversight of progress made by the Southern San Joaquin Water Quality Coalition (SJVWQC) by reviewing the Management Plan Progress Report for the Buena Vista Water Storage District, preparing a Notice of Violation for the Kings River Sub-watershed for non-submittal of a Management Plan, reviewing electronic data submittals, and working with Rancho Cordova staff on QAPP documents. In addition to his work in the Irrigated Lands Program, Brent completed an inspection report on the Tulare Lake Drainage District's evaporation pond complex, represented the Fresno office in the State Water Resources Control Board GIS Roundtable discussions, and provided GIS support to staff in the SWAMP program.

Brent consistently maintains a cheerful and professional demeanor. He has shown steady and exceptional progress since coming to the Board in 2008, and has recently attained professional registration as a Professional Geologist. Brent readily accepts tasks on short notice and accomplishes the tasks well and on time. Brent's recent and sustained efforts in the performance of his assigned duties make him a valuable addition to our organization. I highly recommend Brent for recognition of his accomplishments in May.

PUBLIC OUTREACH

On 26 April, Debra Mahnke gave an environmental compliance and permitting presentation at a workshop hosted by the Sacramento River Watershed Program in Fresno. The workshop focused on watershed restoration issues. The presentation covered the various permits that may be needed from the Central Valley Water Board for wetland and riverine restoration projects and what is required to obtain the various permits. Debra also presented before and after pictures of restoration projects underway in the region.

On 3 May, Christine Joab met with Kristin Honeycutt of Department of Water Resources and Elizabeth Betancourt and Courtney King, consultants working on the Yuba County and Cosumnes, American, Bear, and Yuba River (CABY) IRWM Plans, to discuss the Yuba County IRWM planning grant.

On 7 May, Patrick Morris attended a meeting of the Delta Tributaries Mercury Council. Topics included a restoration project to remove mine wastes from a creek in Santa Clara County, an update on remediation plans for the Mt. Diablo mercury mine, and a proposal for a mercury mine remediation fund in the Water Bond.

On 7 May, Scott Zaitz, Guy Chetelat, Bryan Smith, and George Day participated in a public information meeting, hosted by the Water Boards in Redding for the new Phase 2 Small Municipal Storm Water Permit. Representatives of Chico, Chico State University, Redding, and other small municipalities attended and asked questions regarding compliance, cost, and Water Board contacts.

On 8 May, Ben Letton attended the Shasta-Tehama Coalition annual meeting in Red Bluff, CA. Discussion focused on upcoming monitoring requirements and increases in fees.

On 8 and 22 May, Christine Joab, Chris Foe, and Martice Vasquez attended the bi-weekly WARMF meetings to discuss the progress of the studies being conducted for the San Joaquin River Dissolved Oxygen TMDL.

On 14 May, Greg Cash and Jacqueline Matthews attended a meeting of the Board of Directors for the Quincy Community Services District. The meeting included a discussion of how the District can ensure compliance with its NPDES permit in the future, possibly through dilution credits, mixing zones, land application of wastewater. Industrial pretreatment program requirements were also discussed, and a demonstration of a new technology (Bio-domes) was presented.

On 14 May, Marisa Van Dyke attended the California Wetland Monitoring Work Group meeting. The meeting included discussions on the 401 Water Quality Certifications application pilot effort, application fees, and draft Wetland Policy.

On 14 May 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 Use and Measurement of Mass Flux and Mass Discharge (October 2010). 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 170 people world-wide attended this training. (AMM)

On 15 May, 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 15 May, Drew Coe planned and led a field tour of the Ponderosa Fire in the Battle Creek watershed for the Battle Creek Watershed Working Group and the interested public.

On 16 May, Douglas Patteson, Dane Johnson, and Douglas Wachtell attended the California Oil and Gas Workgroup meeting in McKittrick, Kern County. Douglas Patteson discussed the need to update waste discharge requirements for existing produced water disposal sumps and the pending expiration of

the Central Valley Water Board's General Waiver Resolution R5-2008-0182 (Waiver) and potential options that the Central Valley Water Board may consider in the readoption process.

On 17 May, Greg Cash met with a Representative (Melvin Shuster) from Simpson College, regarding the water quality databases that are available from the Regional and State Water Resource Control Board, for their students to utilize in their Water Quality courses. Mr. Shuster is currently working on new proposals for Watershed Management Courses at Simpson College. Mr. Shuster will be utilizing several EPA developed software packages that integrates a geographical information system (GIS), watershed databases, environmental assessments and modeling tools into an overall curriculum for the proposed Watershed Management Courses.

On 29 May, Debra Hallis attended Cal Trout's WaterTalks, an informational meeting about reconnecting salmon to Mt. Shasta and the associated Shasta Dam fish passage feasibility. A Siskiyou County representative and private landowners voiced concerns regarding the potential resulting regulatory and financial effects.

On 29 May, Betty Yee participated in the Water Plan's Groundwater Caucus to hear about the Change in Groundwater Storage tool.

On 31 May and 14 June, Jay Simi participated in a conference call with members of the Central Valley Drinking Water Policy Workgroup to discuss elements of a proposed special study of Cryptosporidium in surface waters of the Delta and its tributaries.

On 3 June, Drew Coe participated in a field tour of the Ponderosa Fire in the Battle Creek watershed for the Board of Forestry and interested public.

On 5 June, Ben Letton attended the Upper Pit Sacramento River IRWM Regional Watershed Management Group Meeting in Mt. Shasta, CA. Final editions to the Plan were and an update on application for Prop. 84 money was on the agenda, but the meeting discussion focused on the issue of "sovereignty" with local Native American tribal groups.

On 5 June, Debra Hallis attended Cal Trout's WaterTalks, an informational meeting on the science behind the Hat Creek restoration plan.

On 5 and 19 June, Christine Joab and Martice Vasquez attended the bi-weekly WARMF meetings to discuss the progress of the studies being conducted for the San Joaquin River Dissolved Oxygen TMDL.

On 7 June, Patrick Morris participated in a tour of the Bear River and South Yuba River watersheds. The trip included an overview of legacy mining impacts to the region and a visit to a pilot project to remove mercury in Lake Combie.

On 11 June, Guy Chetelat and Drew Coe attended the PG&E Pit River Powerhouse One CEQA scoping meeting for Water Quality Certification flow amendment hosted by the Water Boards in Redding. Staff heard comments and discussed options for protection of endangered Shasta Crayfish and flow releases for recreation with stakeholders.

On 12 June, Joe Karkoski a "Summit on Regulations Affecting Agriculture" sponsored by the Ag Innovations Network. The summit included representatives from government agencies, agriculture, and environmental groups. Based on input from the summit and other input, the Ag Innovations Network will prepare recommendations on opportunities to reduce compliance costs while improving environmental outcomes.

On 13 June, Drew Coe gave an invited presentation titled "Rural Roads: Hydrologic and Water Quality Impacts" at the UC Cooperative Extension's "Road and Road Management in the Tahoe Basin" workshop at the Tahoe Regional Planning Agency office in Stateline, NV.

On 13 June, Marisa Van Dyke and Trevor Cleak made a presentation on the 401 Water Quality Certification Program at the United States Army Corps of Engineers' Water Resource Development Act Outreach Presentation. The presentation included an overview of the program, submitting complete applications, and compliance with the California Environmental Quality Act.

On 13 and 14 June, Betty Yee participated in parts of the discussion of the objectives for the Water Plan

On 18 June, James Taylor participated in the former McClellan Air Force Base Restoration Advisory Board (RAB) meeting at the North Highlands Park and Recreation District Center in North Highlands, California. This is a public meeting where agencies inform the public of cleanup issues at Department of Defense facilities and enlist their comments. The main topic for the meeting was an update on privatized cleanup projects being conducted this summer at McClellan. (JDT)

On 18 June, Matt Boone and Debra Hallis participated in the "Continuous Improvement in Wildfire Management" meeting coordinated by the USFS Shasta-Trinity National Forest. The meeting provided a discussion element to assist with interagency coordination and risk management regarding response to wildland fires as well as presentations on the 2013 wildfire forecast.

On June 19 and 20 in Sacramento and again on June 26 and 27 in Riverside, Rich Muhl was one of the presenters at the Industrial Storm Water Inspector Training class. The class was sponsored by the Water Board Training Academy's College of Storm Water and supported by the CSUS Office of Water Programs and the U.S. EPA. The class gave Regional Board inspectors information on how to prepare, conduct, and document industrial inspections. The class included information on the new draft Industrial General Permit, future upgrades to the Storm Water Multiple Application and Report Tracking System (SMARTS), and other helpful information.

On 20 June, Betty Yee participated in the Mountain Counties Regional Forum for the Water Plan to discuss the development of the Mountain Counties Regional Report.

On 25 June, Adam Laputz attended a meeting of the best management practices adoption strategic planning summit convened by the American Farmland Trust. The discussion included consideration of strategies to encourage improvement of the best management practice (BMP) technical and financial support system based on grower recommendations described in the April 2013 report developed by the American Farmland Trust, *Encouraging California Specialty Crop Growers to Adopt Environmentally Beneficial Management Practices for Efficient Irrigation and Nutrient Management*.

PERSONNEL AND ADMINISTRATION

PERSONNEL REPORT
May 1, 2013 – June 21, 2013

<u>Total Positions</u>	<u>Permanent</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
255.7	224.7	31	5	4	7

Promotions:
Howard Hold – Sr. EG

Leave of Absence:
Diane Beaulaurier

Return from LOA:
None

Permanent Staff:

Separations	New Hires
Jim Munch – Sr. WRCE (Retired)	Tyson Pelkofer - WRCE

Temporary Help Staff:

Separations	New Hires
Bianca Quider	Lisa Rubin
Bryan Botsford	Heather Stoffel
Kia Vue	Jenna Jang
Geoffrey Munch	
Spencer Kelley	
Nacy Miranda	

TRAINING REPORT

April 1, 2013 – June 21, 2013

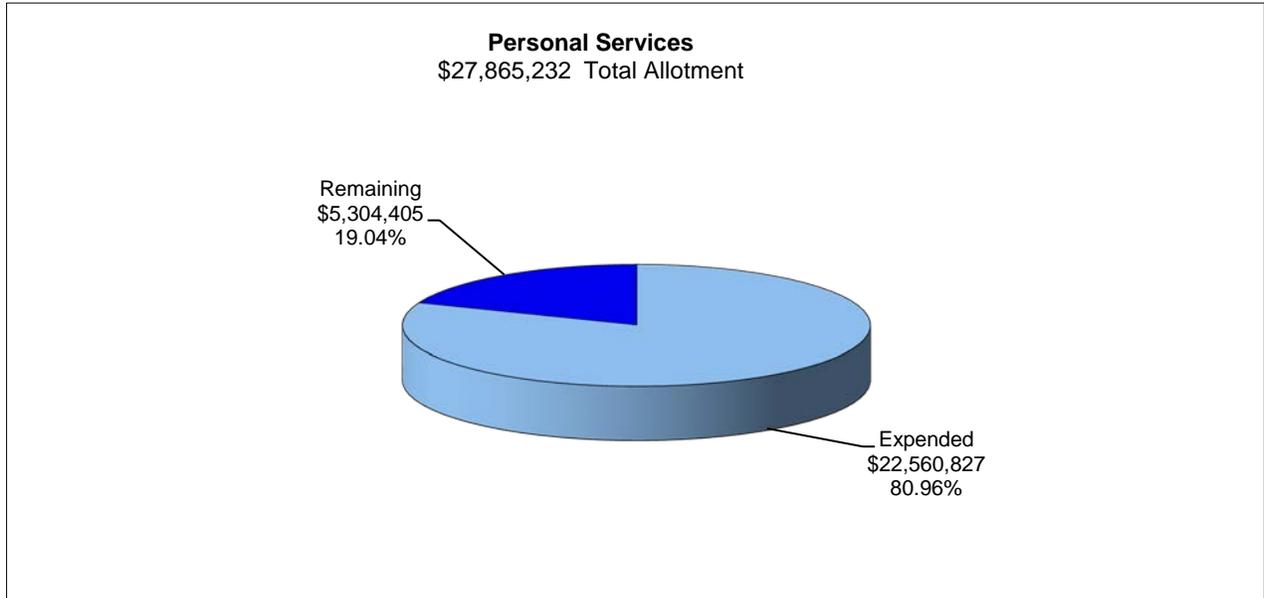
<u>Course Title</u>	<u>Number of Attendees</u>
AED CPR	14
Assessment and Remediation of Environmental Contamination	1
CEQA Update, Issues and Trends	7
Configuring, Managing and Maintaining Windows Server 2008 R2 Servers	1
Course #300: Fundamental Inspector Course -Online Training (FIC)	1
Defensive Drivers Training	2
Editing and Proofreading	1
First Aid / CPR	8
Fundamental Contaminant Chemistry	6
Geo Symposium 2013 Webinar	4
GRAC Salt & Nutrient Management Plans	2
Industrial Stormwater Inspector Training	9
Integrated Water Management	1
Interagency Ecological Program Workshop	5
Introduction to Hydrogeophysics	2
Mon.Require for Constituents of Concern in Recycled Water	4
Performance Measures from the CIWQS Database (OIMAtrng083)	1
Presenting Data and Information	1
QSD/QSP Training Course	1
Risk and Decision Making Workshop	2
Russell Ranch Sustainable Agriculture Field Day	1
Supervisory Skills Module 1: Role of the Supervisor	1
Supervisory Skills Module 2: Managing Employee Issues	1
Toxicity Testing Applications	3
Train the Trainer	2
US EPA Toxicity Training	20

Vapor Intrusion	5
Waste Classification Workshop	19
Water Rights	1
Webinar: 2013 Non Detects Package	2
Workflow for Salt and Nutrient Plans	8

FISCAL REPORT
Expenditures through April 2013
(83.3% should have been expended to date)

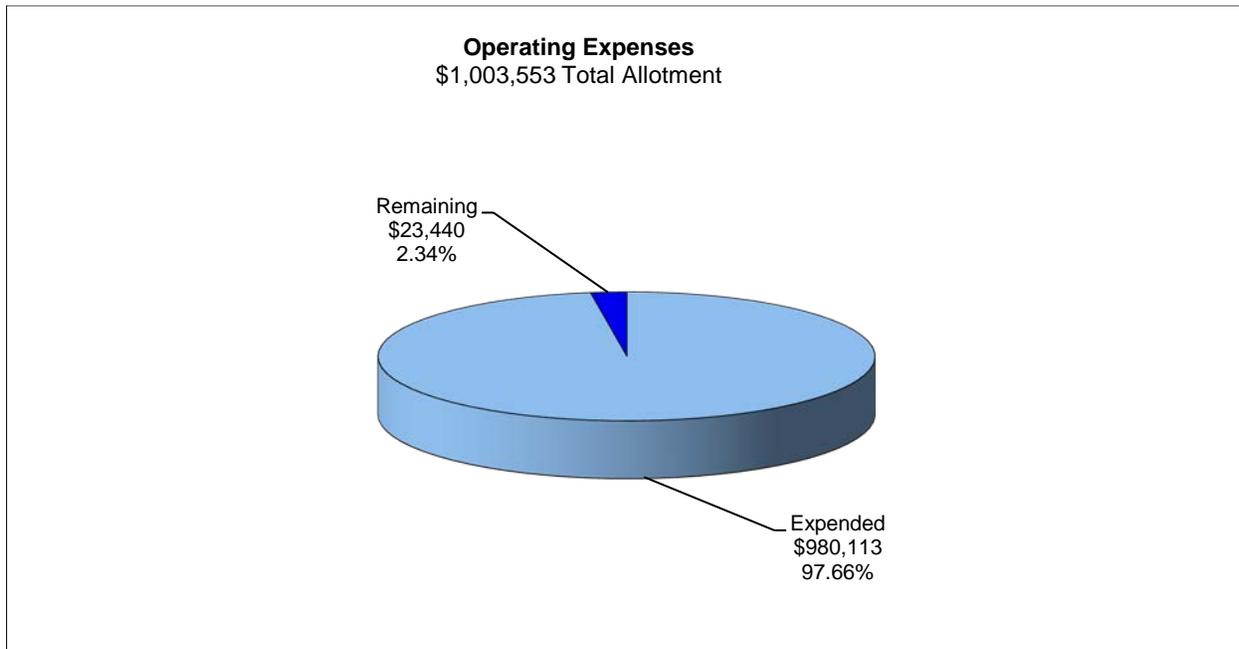
Personal Services:

Our Personal Services budget for the 2012/13 Fiscal Year is \$27,865,232.



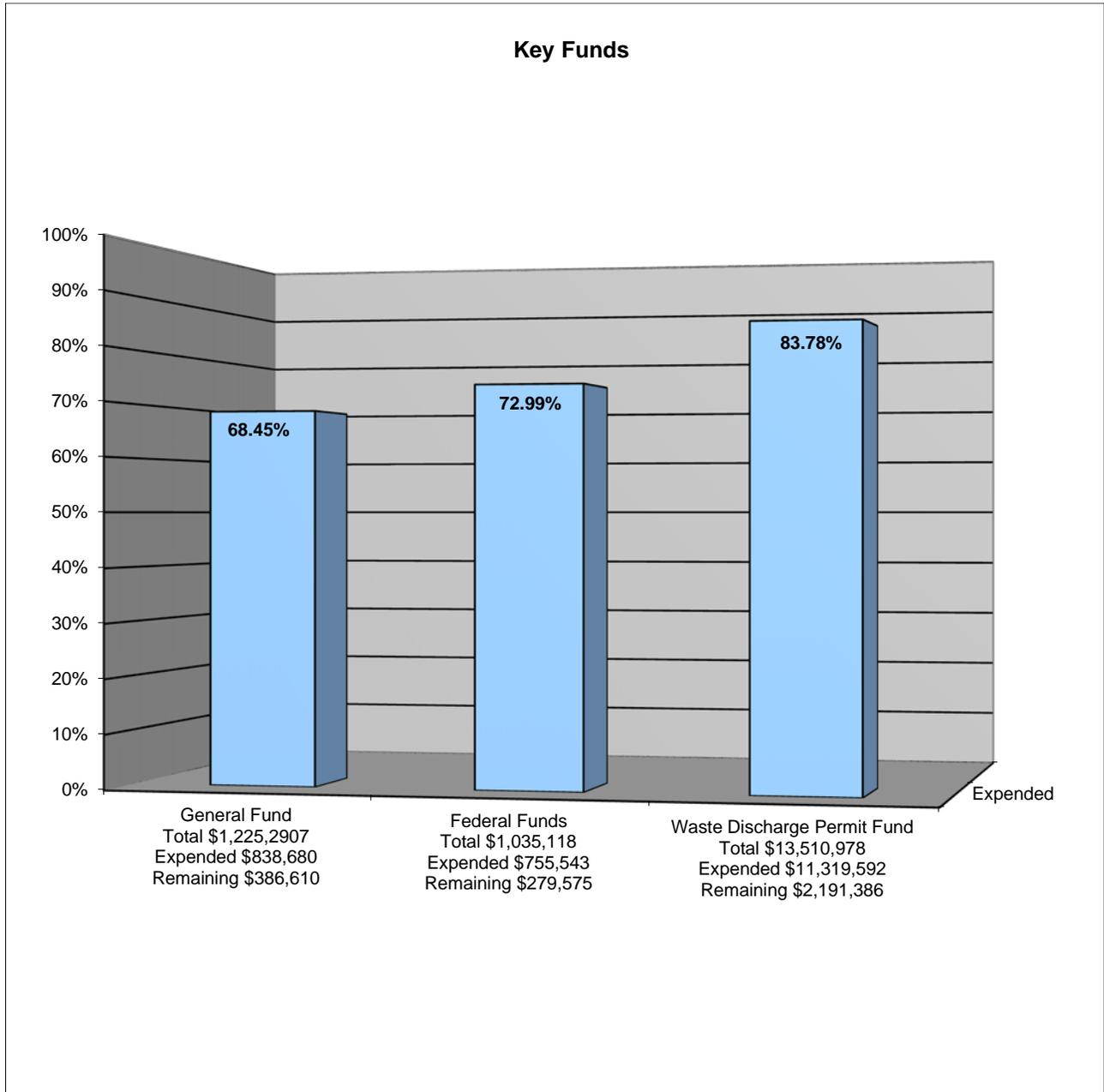
Operating Expenses:

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



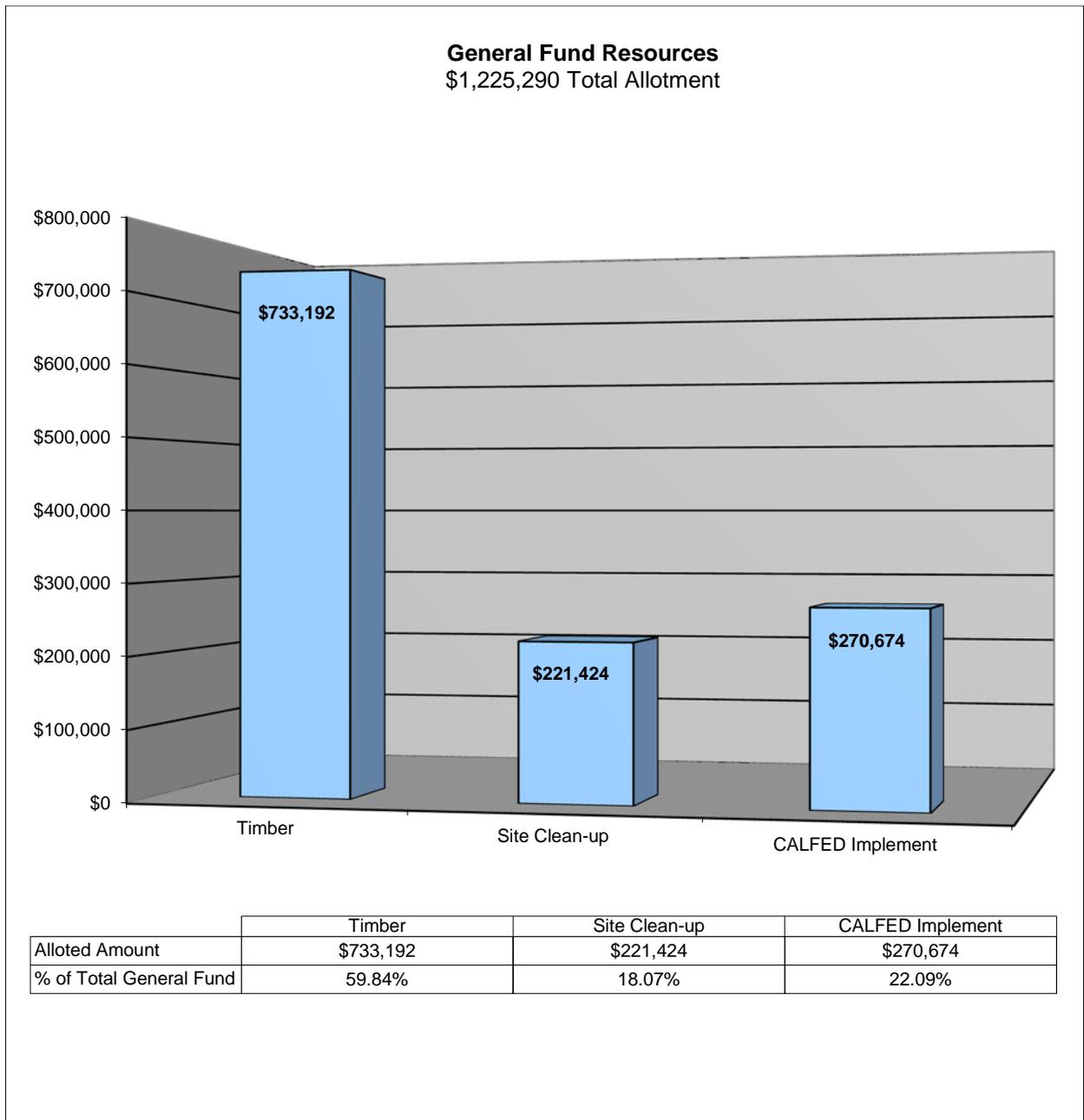
Key Fund Issues:

All key funds are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2012/13 Fiscal Year is \$1,225,290.



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.

JULY 2013 BOARD MEETING

NPDES Program – Permitting

- CalMat Company, Sand and Gravel Facility Permit Renewal
- Kinder Morgan Fox Road Permit Renewal
- City of Brentwood WWTP Permit Renewal
- Yosemite National Park, Wawona WWTF Permit Renewal
- Yuba City WWTP Permit Renewal
- Forbestown/North Yuba WTP Permit Renewal
- City of Stockton Regional Wastewater Control Facility TSO

JULY 2013 BOARD WORKSHOP IN LOS BANOS

IRRIGATED LANDS REGULATORY PROGRAM

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

SEPTEMBER 2013 BOARD MEETING IN FRESNO

IRRIGATED LANDS REGULATORY PROGRAM

- Waste Discharge Requirements General Order for Growers within the Tulare Lake Basin Area that are Members of a Third-Party Group (New WDRs)

OCTOBER 2013 BOARD MEETING

NPDES Program – Permitting

- City of Lodi WWTP Permit Renewal
- Burney Forest Products Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal
- Southern Cal Edison, Balsam Meadow Permit Renewal
- City of Visalia WWTP Permit Renewal
- Sacramento Regional County Sanitation District Permit Amendment
- City of Jackson WWTP Permit Renewal
- City of Davis WWTP Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Garlic Company (Revised WDRs)
- Low Threat Waiver Resolution R5-2008-0182 (Renewal)
- Morningstar Packing Company (Revised WDRs)
- Olam Key Foods Ingredients (Revised WDRs)
- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- City of Patterson, Patterson Wastewater Treatment Facility (Amended WDRs)
- Calaveras Co. Water District, La Contenta WWTF (Revised WDRs)
- Seka Hills Olive Mill (New WDRs)
- Napa Berryessa Resort Improvement District (Amended WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- SPI Martell (Revised WDRs)
- McCourtney Landfill (Revised Landfill)
- Elk Grove Landfill (Revised WDRs)

- Corona Mine Good Samaritan Remediation

DECEMBER 2013 BOARD MEETING

NPDES Program – Permitting

- City of Clovis Permit Renewal
- Mariposa PUD WWTF Permit Renewal
- Calaveras County Water District Forest Meadows WWTP Permit Renewal
- City of Alturas WWTP Permit Renewal
- City of Stockton Regional Wastewater Control Facility Permit Renewal

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- E&J Gallo Fresno Winery (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- Hughson Nut Company (New WDRs)
- The Wine Group, Franzia-Sanger (Revised WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)
- Butte CSA #135, Keefer Creek Subdiv. Phase II (Rescind WDRs)
- Compost Solutions (Revised WDRs)
- Shasta Renewable Resources LLC (New WDRs)
- So. San Joaquin Irr. District, De Groot Water Treatment Plant (New WDRs)

IRRIGATED LANDS REGULATORY PROGRAM - WORKSHOPS

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

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

Storm Water Program - Permitting

- Port of Stockton Storm Water Management Plan Approval

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- 16 to 1 Mine Permit Issuance
- City of Live Oak WWTP Permit Amendment
- City of Merced WWTF Permit Renewal
- City of Vacaville Easterly WWTP Permit Renewal
- Crystal Creek Aggregate Inc. Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- SPI-Burney Permit Renewal
- Ironhouse Sanitary District WWRF Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- Malaga CWD 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
- City of Rio Vista Beach WWTP Permit Renewal
- City of Roseville, Dry Creek WWTP Permit Renewal
- City of Roseville, Pleasant Grove WWTP Permit Renewal
- City of Placerville, Hangtown Creek WWTP Permit Renewal
- City of Lincoln WWTP Permit Renewal

- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- Community Drinking Water Systems Statewide General Order
- City of Shasta Lake WWTP Permit Renewal
- City of Anderson WWTP Permit Renewal
- Bell Carter Olive Company Industrial WWTP Permit Renewal
- SPX Marley Groundwater Treatment System 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
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, and Sacramento, and Sacramento County Development Standards Manual Approval

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- Baker Commodities, Kerman (Revised WDRs)
- Delhi WWTF (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)
- Paramount Farms King Facility (Revised WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- Sacramento Rendering Company (Revised WDRs)
- Sunny Gem, LLC Almond Plant (New WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- City of Isleton. Isleton Wastewater Treatment Facility (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)
- Seneca Mine (New WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)
- City of Redding, Redding Power (Revised WDRs)
- USDI National Park Service, Whiskey Creek Recreation Area (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Berrendos CSD Treatment System (Revised WDRs)
- Butte CSA, Stirling City Ponds (Revised WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Revised WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Fresno County, Shaver Lake, Districts 31B and 41 (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- USDA Forest Service, Canby Ranger Station (Revised WDRs)
- CA Department of Forestry, Devils Garden Conservation Camp (Revised WDRs)
- CA Department of Forestry, Valley View Conservation Camp (Revised WDRs)
- Wilbur Packing (New WDRs)
- Zenda Mine (Revised WDRs)

LAND DISPOSAL PROGRAM-CHAPTER 15/TITLE 27

- Coalinga Landfill (Revised WDRs)
- Orange Avenue Landfill (Revised WDRs)
- North Belridge Solid Waste Disposal Site (Revised WDRs)
- Zenda Mine (Revised WDRs)
- Hanford Landfill (Revised WDRs)
- Earlimart Landfill (Revised WDRs)

- Teapot Dome Landfill (Revised WDRs)

JANUARY 2014 BOARD MEETING – LOS BANOS

IRRIGATED LANDS REGULATORY PROGRAM

- 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 Western Tulare Lake Basin Area that are Members of a Third-Party Group (New WDRs)