

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



**EXECUTIVE OFFICER'S REPORT
December 6-7, 2012**

ITEMS IN THIS REPORT

SUCCESS STORIES	2
COMPLIANCE AND ENFORCEMENT	9
SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS.....	12
DELTA ACTIVITIES.....	13
TMDL/BASIN PLANNING	14
SALINITY AND CV SALTS	15
DAIRIES.....	17
GENERAL.....	18
IRRIGATED LANDS REGULATORY PROGRAM (ILRP)	20
STAFF RECOGNITION	23
PUBLIC OUTREACH.....	29
PERSONNEL AND ADMINISTRATION.....	33
FUTURE BOARD ACTIVITIES.....	37

SUCCESS STORIES

- 1. Record of Decision for 49 Sites at the Former McClellan Air Force Base is Completed, Sacramento County.** In September 2012, the U.S. Environmental Protection Agency and the Department of Toxic Substances Control, representing the State (including the Central Valley Regional Water Quality Control Board), signed the Final Initial Parcel #3 Record of Decision (IP#3 ROD) for 49 sites at the former McClellan Air Force Base. The IP#3 ROD presents the selected remedial actions for soil and soil gas on approximately 245 acres of the former McClellan Air Force Base referred to as the IP#3 Property. The IP#3 Property was included in the second portion of the former base selected for early transfer with privatized cleanup (“privatization”). Privatization uses existing regulatory and enforcement tools to construct a set of agreements which allow the developers to complete the cleanup work on behalf of the federal government in a manner that is protective of human health and the environment and accelerates cleanup and reuse, with cost savings to the government. The final selected remedies use cleanup levels for industrial land use, which is the current and reasonably anticipated future use of the property. No action was selected for eight of the IP#3 Sites. The rest of the selected remedies include a combination of institutional controls to prohibit residential use, engineered controls to address shallow soil gas contamination and threats to surface water quality, and excavation and offsite disposal to address threats to human health and the environment. The contaminants of concern addressed by the selected remedies include volatile organic compounds in shallow soil gas, and metals, pesticides, polychlorinated biphenyls (PCBs), total petroleum hydrocarbons as diesel and gasoline, and polycyclic aromatic hydrocarbons in soil.
- 2. Skeet Range Soil Remediation Project is completed at the Former McClellan Air Force Base, Sacramento County.** In October 2012, the Regional Water Board approved the Final Remedial Action Completion Report (RACR) for the Skeet Range Soil Remediation Project at the former McClellan Air Force Base. Historical operation of the former Skeet Range at McClellan Air Force Base from 1971 to 1985 resulted in soil contaminated with lead and polycyclic aromatic hydrocarbons, primarily benzo(a)pyrene (BaP). The Air Force remediated the 50-acre site from September 2011 to February 2012 by excavating impacted soil to a maximum depth of 4.5 feet resulting in contaminant levels suitable for industrial reuse. Approximately 9,600 cubic yards (CY) of soil were excavated and disposed offsite at Recology Hay Road Landfill, a Class II disposal facility in Vacaville, California. About 1,800 CY of soil with lead concentrations exceeding 1,000 mg/kg was treated onsite by stabilization with Portland cement prior to disposal. Excavated areas were backfilled to match the surrounding grade. Five-year reviews will be prepared to demonstrate that the selected remedy, which includes institutional controls to prohibit residential and sensitive receptor use, remains protective of human health and the environment.
- 3. Former Reynolds Packaging Facility, 7101 Avenue 304, Visalia, Tulare County.** A no further action determination was issued for the former Reynolds Packaging site at 7101 Avenue 304, Visalia, Tulare County on 15 October 2012. Soil at the site was impacted by minor releases of petroleum hydrocarbons and metals. Assessment delineated the extent of petroleum hydrocarbon and metal impacted soil. Impacted soil was excavated and transported to an appropriately licensed facility for disposal. Confirmation soil samples indicated that remaining petroleum hydrocarbon and metal concentrations in soil were below site cleanup goals. Based on submitted information, a negligible amount of petroleum hydrocarbons and metals remain, and do not pose a threat to human health, groundwater, or the environment.
- 4. Parkway Boulevard Area, Former Shell Central Valley Crude Oil Pipelines, Santa Nella, Merced County.** A no further action determination was issued for the Parkway Boulevard site, former Shell Central Valley Crude Oil Pipelines, east of Highway 33 and south of Santa Nella, Merced County on 8 October 2012. Soil at the site was impacted by crude oil from a historic leak from the former pipelines. Assessment beginning in 2006 delineated the extent of petroleum hydrocarbons in soil and groundwater. Approximately 53,000 cubic yards of impacted soil was excavated and transported to an appropriately licensed facility for disposal. A soil gas assessment was conducted and determined that remaining petroleum hydrocarbons do not pose a threat to indoor air quality for any future development at the site. Groundwater with low concentrations of crude oil remains, but is limited to a portion of the excavated area and is stable. Groundwater at the site is of limited quantity and marginal quality (low permeability soils and high total dissolved solids). Any development at the site will be supplied potable water by the Santa Nella County Water District. Remaining petroleum hydrocarbons in soil and groundwater will

degrade over time. Based on submitted information, remaining petroleum hydrocarbons do not pose a threat to human health, groundwater, or the environment. (JA)

5. **Record of Decision - No Further Action, Sites 2 & 4, Naval Air Station Lemoore, Lemoore, Kings County.** Two sites at Lemoore Naval Air Station qualified for closure. Investigations of these two sites have gone through the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) process culminating in the Record of Decision (ROD) in which no further action at either site was required. Site 2 was a former pesticide rinsate area and Site 4 was a former fire-fighting training area. Multiple investigations of each site found minimal traces, if any, of any constituents of concern. A risk assessment completed in 2011 found the risk at either site to be within acceptable levels and suitable for the no further action decision, which also allows unlimited use and unrestricted exposure for the sites. The chemicals released at Sites 2 and 4 do not pose a current or potential threat to human health or the environment. A 30-day public review process, including a public meeting, was completed and no comments from the public were received that required changes or modifications to the no further action decision of the ROD.
6. **No Further Action Required, Oct 2012 – Former Vernalis Pump Station, Vernalis, San Joaquin & Stanislaus Counties.** The project is one of the historical Old Valley Pipeline and Tidewater Associated Oil Co., pipeline sites between Bakersfield and Antioch. The Site is in the rural community of Vernalis and encompasses a portion of Highway 33 and Union Pacific right-of-way easements. Analytical results of soil and groundwater from investigations by Chevron Environmental Management Company for the Site determined that in 2008 the extent of petroleum constituents was delineated, and no further characterization was needed. A Human Health Screening Evaluation completed in 2010 determined that no unacceptable risk existed using a potential future onsite residential or commercial/industrial worker scenario. The likely future onsite use will be by construction maintenance/trench workers associated with the highway and utility corridor easement and/or commercial/industrial activities. A Soil and Groundwater Management Plan designates Chevron as the responsible party if affected soil or groundwater related to the pipelines is encountered in the future. There are no groundwater monitoring wells associated with the site. Adjacent property owners were notified of the proposed closure and comments that were received from a representative for a nearby property owner during the 30-day comment period were addressed.
7. **Pulse of the Delta.** The second has been released in hard copy and online. This year's feature articles include a discussion on studies in the Yolo Bypass and how they can inform wetland managers on efforts to reduce methylmercury, a look at the Interagency Ecological Program's (IEP's) cooperative studies, and a look through the changes in monitoring over the last 200 years. New to this issue is a status and trends section that evaluates nutrients, pesticides, biological assessments, flows, salinity, selenium, dissolved oxygen, human population, and land cover.
8. **No Further Action Required - Underground Storage Tanks (UST)**
Following are sites where Board staff determined that investigation and remediation work may be discontinued and that no further action is required. Further, any residual hydrocarbons remaining do not pose a threat to human health and safety or anticipated future beneficial uses of water. This determination is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Article 11, Division 3, Chapter 16, Title 23 of the California Code of Regulations requires public notification when the Board determines that corrective actions have been completed and that no further action is required at a leaking underground storage tank site. This document serves to provide public notification.

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

a) **FRESNO OFFICE**

Fresno County

- **Viking Shell, 501 Sierra Street, Kingsburg**
Three USTs were removed in March 2012 and gasoline was detected in soil. One boring was drilled at the site and moderate concentrations of petroleum hydrocarbons were detected from 19 to 25 feet. A sample of groundwater collected from a depth of 40 feet contained low concentrations of petroleum

hydrocarbons. A second boring that was drilled downgradient of the first did not contain gasoline in soil or groundwater. The case was closed on 27 August 2012.

- **Kwik Korner, 701 "I" Street, Reedley**

A soil investigation in 1993 detected gasoline in soil. Three gasoline USTs were removed from the facility in 1996. Subsequent investigations found that groundwater had been impacted. Soil vapor extraction performed between 2003 and 2010 removed about 9,000 pounds (~1,450 gallons) of gasoline. A groundwater plume remains but is confined to the source area and will naturally attenuate. The case was closed on 17 October 2012.

- **Alvarado Service, 12475 West Shaw Avenue, Biola**

Three gasoline and two diesel USTs removed from the site during July 1991 and gasoline and diesel were detected in soil. The USTs were installed in 1939 and were last used in 1986. Two soil borings drilled at the site found that the gasoline and diesel attenuated by a depth of 40 feet. Groundwater is at a depth of 60 feet. The case was closed on 11 September 2012.

- **7-Eleven #23948, 1903 East Jensen Avenue, Sanger**

During 2001 dispensers at the subject site were upgraded and gasoline detected in soil. The UST system was removed from the site in 2005. Investigations found gasoline to be present in soil and groundwater. Soil vapor extraction and air sparging was performed between June 2006 and April 2011 and removed about 4,000 pounds (~645 gallons) of gasoline. A groundwater plume remains but is confined to the source area and will naturally attenuate. The case was closed on 18 October 2012.

Kern County

- **Lost Hills Road Yard, 20982 Aqueduct Street, Lost Hills**

A release from the UST system was discovered during 1991. About 1,660 cubic yards of petroleum-impacted soil was excavated during 1992. Less than 250 pounds (~40 gallons) of hydrocarbons remain in soil. Groundwater monitoring was conducted between 1992 and 1995. The local agency transferred the case during 2011. A final monitoring event conducted during 2011 confirmed that groundwater concentrations had declined to low levels and water quality goals could be achieved by natural attenuation. The case was closed on 11 September 2012.

Kings County

- **Unocal #0861, 1204 Whitley Avenue, Corcoran**

A release from the UST system was discovered during 1990. An undetermined mass of petroleum-impacted soil was removed during 1990 to 15 feet bgs. About 3,200 pounds (~500 gallons) of gasoline was removed by soil vapor extraction during 2010 and 2011. Groundwater concentrations were reduced by oxygen injection conducted during 2008 and 2009. Less than 250 pounds (40 gallons) of hydrocarbons remain in soil. Groundwater monitoring was conducted in 2011 and concentrations had declined to low levels and water quality goals could be achieved by natural attenuation. The case was closed on 31 August 2012.

- **City of Lemoore Corporation Yard, 41 Cinnamon Drive, Lemoore**

A release from the UST system was discovered during 1994. About 2,550 pounds (~400 gallons) of gasoline and diesel were removed between 2009 and 2011 by soil vapor extraction and air sparging. Less than 300 pounds (50 gallons) of hydrocarbons remain in soil. By 2011, groundwater concentrations had declined to low levels and water quality goals could be achieved by natural attenuation. The case was closed on 11 September 2012.

b) REDDING OFFICE

- **Beacon Service Station #521, UST Case # 450053, Anderson, Shasta County**

In 2003 elevated petroleum hydrocarbons, primarily TPHG, benzene, and MTBE were reported in soil and groundwater samples collected during a site investigation. The discharger addressed contaminants using free product recovery and in-situ treatment. Remedial activities and natural attenuation reduced contaminant mass in soils to approximately 0.5 pounds and approximately 0.1 pounds in groundwater,

reducing soil and groundwater mass by approximately 99 percent. Although pollutants still persist in soil and groundwater beneath the site, it is unlikely that remaining pollutants would pose a risk to human health and safety. Remaining concentrations will further decrease with time. This case was closed in September 2012.

- **Former Conoco Phillips Bulk Plant #0629, UST Case #450276, Redding, Shasta County**
This site is concurrently regulated under Site Cleanup Program Case 2050090. The current monitoring program and remedial efforts being conducted under the Site Cleanup Program will sufficiently address any remaining contamination formerly associated with the underground storage tank case. As a result Underground Storage Tank Case 450276 was closed in August 2012.
- **Esplanade ARCO, UST Case #040201, Chico Butte County**
In 1998 soil contamination was discovered during facility upgrades. Since 1998 approximately 840 cu yds of contaminated soils have been removed from the site, forty soil borings, fourteen monitoring wells, fifteen ozone sparge wells, one extraction well, and one observation well were installed on and offsite as part of site characterization and remedial activities. Prior to corrective action it was estimated there was approximately 2,765 pounds of petroleum hydrocarbon mass in soils and approximately 417 pounds of dissolved phase contaminant mass in groundwater. Residual soil and groundwater contaminant mass after corrective action and remedial activities were estimated at approximately zero pounds, respectively resulting in 100 percent reduction of contaminants. This case was closed in September 2012.
- **Gold Nugget Station #1, UST Case #040217, Oroville, Butte County**
Contaminated soil and groundwater was discovered in 1999 when four underground storage tanks used to store gasoline and diesel products were removed from this site; at that time approximately 570 cubic yards of contaminated soils and 42,000 gallons of contaminated groundwater were removed from the tank area. In 2009 full scale ISCO and soil vapor extraction was implemented and ran until 2011 when the system was shut down. Through these remedial activities contaminant mass was reduced to approximately 2,445 pounds (64%). Although pollutants still persist in groundwater beneath the site, the remaining plume is isolated and decreasing. This case was closed in July 2012.
- **Ledford Beacon, UST Case #040186, Oroville, Butte County**
Soil contamination was discovered during UST removal and upgrade activities in 1997. Following characterization of the contaminant plume, the discharger implemented active remediation using ozone and soil vapor extraction to address petroleum hydrocarbons in groundwater and vadose zone soils. These techniques effectively reduced sorbed and dissolved phase mass to approximately 6 and 3 pounds, respectively. This represents an approximate 99% reduction in sorbed contaminant mass and 93% reduction in dissolved contaminant mass. This case was closed in September 2012.
- **Former Shell Service Station, UST Case #450164, Redding, Shasta County**
This site was a retail fuel service station and convenience store until 1999. In 1994 soil contamination was discovered by CalTrans during a highway widening project. This contamination was confirmed in 1998 during site investigation activities. Since then approximately 750 cubic yards of contaminated soils have been removed from the site. Residual dissolved phase groundwater contaminant mass after corrective action and remedial activities were estimated to be approximately 0.11 pounds or 98 percent. Although pollutants still persist in groundwater beneath the site, it is unlikely remaining pollutants would pose a risk to human health and safety. MNA indicates remaining concentrations will continue to decrease with time. This case was closed in July 2012.
- **Union Pacific Railroad Portola Railyard, UST Case #320033, Portola, Plumas County**
This site is concurrently regulated under Site Cleanup Program Case No. 2050367. The current monitoring program and remedial efforts being conducted under the Site Cleanup Program will sufficiently address any remaining contamination formerly associated with the underground storage tank case. As a result underground storage tank case No. 320033 was closed July 2012 (GRL)
- **CHP Quincy Area Office #165, UST Case #320071, Quincy, Plumas County**
The site is currently occupied by the California Highway Patrol and used as a northern district area office and maintenance station. One 12,000 gallon UST was removed from the site in August 2012. During UST removal activities the UST collapsed releasing approximately 5 gallons of petroleum contaminated rinseate into the excavation, locally impacting underlying soil and groundwater. Upon review and evaluation of available data it was concluded that due to lack of sensitive receptors and estimated

attenuation rates that residual concentrations would not pose a significant risk to human health and the environment. It was determined that remaining contaminant concentrations would naturally attenuate and no further action would be required. This case was closed in October of 2012.

- **Former Cave Springs BP, UST Case #470036, Dunsmuir, Siskiyou County**
The Site operated as a fueling station from 1955 to 1997. Three gasoline USTs and one diesel UST were removed in October 1997. During removal of the USTs, elevated concentrations of petroleum hydrocarbons including benzene and MtBE were detected in groundwater. Between 1988 and 2010, ten monitoring wells and 21 ozone sparge points were installed at the Site. An ozone treatment system operated sporadically from 2006 through 2010. Groundwater monitoring results indicate that ozone injection has proven highly effective in reducing contaminant concentrations on the actual former Cave Springs BP property but has reduced contamination at a slower rate in the adjoining ball field to the south. Given the lack of down gradient receptors, the remaining threats to human health and the environment are low, and will likely further decrease with time. The Site was closed in October 2012.
- **Frost Oil Company, UST Case #040147, Chico, Butte County**
The Site is located at 1645 Park Avenue in city of Chico, Butte County. An area of contaminated soil and groundwater were discovered during a 1995 Phase II Environment Site Assessment. Site investigation and remediation activities occurred from 1997 until 2011. During that time, the original nine USTs were removed from the Site along with approximately 200 yards of contaminated soil. This in combination with full-scale soil vapor extraction removed approximately 72 pounds of BTEX and 5,858 pounds of TPHg. Sorbed contaminant mass estimates suggest that the onsite remediation system was successful in reducing the total mass by over 80 percent. Residual contamination still remains, however, it is limited in extent and the plume is degrading naturally. Only TPHg and TBA concentrations remain above applicable water quality objectives. Due to the lack of sensitive receptors, there is little risk to human health. The Site was closed on 11 September 2012.
- **Sugar Loaf Resort, UST Case #450268, Lakehead, Shasta County**
Sugarloaf Resort consists of 33 acres of marina and waterfront property along the Sacramento River arm of Shasta Lake. The resort is located within the Shasta Lake Recreation Area and is operated by Shasta Lake Resorts LP under a 20-year special use permit issued by the United States Forest Service in May 2000. A release was discovered in 1998 when two former 5,000-gallon gasoline USTs and associated product piping lines were removed from the Site. In November 1998, the east area of the tank basin was overexcavated to a depth of 22 feet bg. In 2008 the discharger installed 12 stainless-steel injection wells, applied ISCO, and completed baseline and post-verification monitoring. Up to 97 percent contaminate reduction was seen in source area monitoring wells TPHg, BTEX and TAME. Residual contamination still remains, although limited in extent and naturally attenuating. Due to the lack of sensitive receptors, there is little risk to human health. The Site was closed in August 2012.
- **Jim Little Petroleum, UST Case #450278, Anderson, Shasta County**
Site is a former fueling station. The fueling station buildings remain, but now house a retail furniture store. In 1998, two diesel USTs, one kerosene UST, three gasoline USTs, and a waste oil UST were removed from the site along with associated dispensers and piping. Sampling performed at that time indicated soil and groundwater was impacted by diesel fuel. Between 1998 and 2005, 9 monitoring wells and numerous soil borings were installed to delineate pollution extent and monitor groundwater conditions. Pollution was removed at the site via source area excavation (during UST removal in 1998), via soil vapor extraction (bioventing from 2005 to 2012), via in-situ chemical oxidation (ozone injection from 2008 to 2012), and by natural attenuative processes. According to the Discharger's No Further Action report, approximately 630 pounds of diesel range organics were removed/destroyed at the site. Residual petroleum constituents do not threaten human health or the environment. The site was issued a No Further Action letter on 22 October 2012.

c) **SACRAMENTO OFFICE**

Contra Costa County

- **Prospects, 820 2nd Street, Antioch**
In 1992, two USTs were removed along with about 600 cubic yards of petroleum hydrocarbon contaminated soil. Monitoring wells and soil borings delineated the extent of impacts and determined the nearest sensitive receptor, the San Joaquin River, is not threatened. It is estimated that 738 pounds

(~120 gallons) fuels remain in soil and groundwater. All wells have been properly abandoned and the case was closed on 27 September 2012. (JIM)

Glen County

- **Gandy & Staley Oil Company, 630 Eureka Street, Willows**
In November 1986, four gasoline USTs and associated piping and dispenser islands were removed from the site and replaced with an aboveground fueling system. Subsequent sampling found impacts to groundwater. Remedial activities conducted from 1987 through 2011 included excavation of 2,800 cubic yards of impacted soil, groundwater extraction and treatment, soil vapor extraction, and high-vacuum dual phase extraction. Of the original estimated 20,000 pounds (3,200 gallons) of fuels released, about 4,600 pounds (750 gallons) are estimated to remain. No sensitive receptors are threatened, and water quality objectives are predicted to be achieved within 27 years. All wells have been properly abandoned and this site was formally closed on 12 October 2012.

Placer County

- **Toms Sierra #15, 400 South Auburn Street, Colfax**
In October 1995, a 250-gallon waste-oil UST was removed, and in January 1999, the site's product lines were upgraded. Active remediation has removed more than 68,600 pounds (11,000 gallons) of petroleum fuel from the site, less than two pounds remain in groundwater, and the residual constituents are expected to degrade below water quality objectives by 2024. The results of a risk assessment show that the residual hydrocarbons are unlikely to pose a threat to human health or the environment. The site was closed on 21 September 2012.
- **Former Shell Service Station, 1600 Douglas Boulevard, Roseville**
In October 1997, soil samples collected from the site confirmed that an unauthorized release of petroleum fuel had occurred. In May 2004, the site's UST system consisting of three 10,000-gallon USTs, a 550-gallon waste-oil UST and all associated piping and dispensers were removed. Active remediation has removed over 20,000 pounds (3,200 gallons) of petroleum from the subsurface. Less than 0.23 pounds of petroleum remain in groundwater, and the remaining petroleum constituents are expected to achieve water quality objectives by 2020. The results of a risk assessment show that the hydrocarbons unlikely to pose a threat to human health, and the environment. The site was closed on 28 September 2012.
- **LLD & B Property, 1450 Grass Valley Highway, Auburn**
In December 2007, a 500-gallon gasoline UST and a 350-gallon gasoline UST were removed from the site. About 348 pounds (50 gallons) of petroleum fuel were removed from the site and about 0.05 pounds remain in groundwater. Hydrocarbon concentrations have decreased and the residual constituents are expected to achieve water quality objectives within 10 years. The closest supply well is about 600 feet south and Wise Canal is 150 feet north, but no petroleum constituents were detected in either the well or the canal. The results of a risk assessment show that the residual hydrocarbons are unlikely to pose a threat to human health or the environment. The site was closed on 3 October 2012. (
- **A Mart, 510 Washington Boulevard, Roseville**
Between December 1991 and January 1992, a 7,500-gallon gasoline UST and two 10,000-gallon gasoline USTs, along with all associated dispensers, and product piping were removed from the Site. Free phase product was detected in groundwater; however, a combination of soil removal, soil vapor extraction, dual phase extraction and natural attenuation have removed over 24,200 pounds (3,872 gallons) of petroleum fuel from the site. The residual petroleum plume is expected to achieve water quality objectives in about 20 years. Results of a risk assessment show residual impacts are unlikely to pose a threat to human health or the environment. The site was closed on 3 October 2012.

San Joaquin County

- **Jimco Truck Plaza, 1022 East Frontage Road, Ripon**
In June 1998, two gasoline USTs, one diesel USTs, and associated piping were removed and replaced with above-ground storage tanks (AGTs) at the Site. Soil samples confirmed a release had occurred. In May 2004, one 1,000-gallon waste oil UST was removed at the Site. About 1,180 tons of impacted soil was excavated and transported to Forward Landfill in Manteca. In April 2005, San Joaquin County

Environmental Health Department (SJCEHD) reported a diesel release (spill) from the above-ground tank piping. Two distinct releases (diesel AGTs and gasoline USTs) were identified in groundwater. In February 2009, the SJCEHD transferred the case to the Regional Water Board. An estimated 37,783 pounds (6,000 gallons) of TPH remain in soil and less than 1 lb. remains in groundwater. Water quality is predicted to be achieved by 2023 naturally. Subsurface soils exceed environmental screening levels for direct contact however; land use is not expected to change minimizing potential for risk. The monitoring wells were destroyed in July 2012. The UST case and the AGT case were closed on 10 September 2012.

Sutter County

- **Tiff's Market, 9881 Live Oak Boulevard, Live Oak**

In April 1998, three 10,000-gallon gasoline USTs, associated dispensers and piping were removed from the Site. About 690 cubic yards of impacted soil was excavated and removed about 2,136 pounds (340 gallons) of petroleum hydrocarbons. A groundwater pump and treatment operated from April 2008 to February 2011, removing about 4.25 pounds (1 gallon) of petroleum hydrocarbons from groundwater. Water quality is expected to be restored by 2060 through natural attenuation. The monitoring and remediation wells were destroyed in July 2012. The case was closed on 10 October 2012.

Yolo County

- **Sacramento Auto Truck Company, 525 Galveston Street, West Sacramento**

In 1988 the UST system was removed from the southeast corner of the Site and gasoline hydrocarbons were detected in soil beneath the former UST. About 550 cubic yards of contaminated soil was excavated. Groundwater sample data indicated a plume of weathered gasoline hydrocarbons was limited to the north side of the former UST pit, and it attenuated vertically beneath the UST pit. A sensitive receptor survey and health risk assessment determined residual gasoline hydrocarbons are not a threat to human health or the environment. On 5 October 2012 a closure letter was issued.

Yuba County

- **Former Nella Station #3, 929 5th Street, Marysville**

In March 2003, petroleum constituents were detected in soil and groundwater. About 984 pounds (160 gallons) of hydrocarbons were removed from the subsurface during a 30 day dual phase extraction period. Groundwater monitoring has shown petroleum constituents have significantly decreased in concentrations and water quality is predicted to be restored in about 15 years. One municipal, one industrial, and two irrigation wells are over 1,000 feet from the site. The Feather River is 1,500 feet from the property. The wells and river are not threatened by the release. After public participation was completed, all monitoring wells were destroyed. The case was closed on 17 October 2012.

Local Agency UST Closures with Concurrence of Board Staff

San Joaquin County

- Arc Pump and Welding, 1211 South Turnpike Road, Stockton
- ARCO Station #5469, 130 South Wilson Way, Stockton
- Earthgrains Baking Company, Inc., 2651 South Airport Way, Stockton
- Former Curtis Pontiac, 2450 Toste Road, Tracy
- Former Manna Pro, 4004 South El Dorado Street, Stockton

COMPLIANCE AND ENFORCEMENT

1. **Cleanup and Abatement Order, Rego Dairy #2, Merced County**
On 15 March 2012, a Cleanup and Abatement Order was issued for Rego Dairy #2 for a number of violations of the Dairy General Order found during a staff inspection, including the illegal disposal of more than 50 decomposing cow carcasses and off property discharges of manure wastewater and septic waste to a drainage canal. The discharger has complied with the requirements and deadlines of the CAO. The facility has ceased operation as a dairy and has been sold to new owners.
2. **Cleanup and Abatement Order, Tosta Dairy, San Joaquin County**
On 11 June 2012, two Cleanup and Abatement Orders were issued to properties owned or rented by Henry Tosta: the Henry Tosta Dairy and the Reeve Road Heifer Ranch. At the Henry Tosta Dairy, Regional Board inspectors found overflowing manure storage areas with manure slurry filling the central production area and encroaching on corrals where animals were housed; the dairy is located in an area of very shallow groundwater. In cropland rented by the Heifer Ranch, Regional Board inspectors found several cow carcasses placed in a groundwater-filled excavation and evidence that many additional animals may be buried in the same area. The discharger has not complied with the majority of the requirements and deadlines of the CAOs. Staff is considering additional enforcement to ensure that environmental threats are remediated. (CMH) "San Joaquin
3. **Cleanup and Abatement Order, Cascade Estates Mobile Home Park, Sonora**
On 24 October 2012, the Executive Officer issued Cleanup and Abatement Order R5-2012-0713 to secure improvements to the park's wastewater treatment plant (WWTP). A May 2012 facility inspection, in response to a complaint of a spill from the WWTP, found conditions that threatened catastrophic failure of the pond system (inadequate pond freeboard, excess sludge accumulation, and pond leakage through abundant rodent burrows), posing a threat to surface water supplies. The Order specified both short and medium-term actions to reduce the threat of pond failure, improve plant operational condition, and to produce a plan to provide long-term reliable wastewater treatment and disposal. Short term measures to reduce the threat of pond failure have already been implemented. (WWG)
4. **Cleanup and Abatement Order, City of Livingston Industrial Wastewater Treatment Facility, Livingston.** On 27 July 2012 the Executive Officer issued Cleanup and Abatement Order R5-2012-0712 to the City of Livingston and Foster Poultry Farms for the cleanup and closure of ponds at an inactive industrial wastewater treatment facility. Twelve ponds, encompassing 83 acres, have degraded groundwater with respect to nitrates from historic infiltration of industrial wastewater. Residual pond sludge is high in nitrogen constituents which further threaten to degrade groundwater quality. The Order specifies a five year schedule for removal of the sludge from the ponds, with interim maintenance of pond water levels above the sludge to minimize production of nitrates which would further degrade groundwater. The sludge is to be managed under a Sludge Application Site Permit or Waste Discharge Requirements. The Order also specifies assessment of the extent of groundwater degradation and evaluation of alternatives for groundwater cleanup.
5. **Cleanup & Abatement Order #R5-2012-0714 – Golden Valley Citrus Inc., Strathmore, Tulare County.** On 9 November 2012, the Executive Officer issued Cleanup & Abatement Order R5-2012-0714 to Golden Valley Citrus in Strathmore, Tulare County. The Order requires Golden Valley Citrus to investigate the discharge of wastes, cleanup the waste, close old surface impoundments, and abate the effects of the historical discharge of olive brine wastewater associated with the former Seville Olive Facility. In 2007, Golden Valley Citrus purchased the former Seville facility while expanding its adjacent citrus packing operation. The CAO tasks include requirements to submit a Groundwater Assessment Work Plan, a Groundwater Sampling and Analysis Plan, a Surface Impoundment Closure Plan, and to provide alternate water supplies for any wells that are determined to have been affected.

Enforcement Update

The Central Valley Water Board continued to have a productive enforcement period since the last report at the October Board meeting. Since the last report enforcement staff in our core regulatory programs issued a number of informal actions for minor violations, such as 51 Notices of Violations and 21 staff enforcement letters following the Water Boards' progressive enforcement approach. Staff issued over 64 1st Annual Report Notice of Non-Compliance to industrial storm water permittees who failed to submit their annual reports on time. Staff also issued 25 oral warnings between 1 September and 30 October.

In addition, staff took formal enforcement against core regulatory permittees who had major violations of their permits. In those cases, staff issued one Cleanup and Abatement Order, one Cease and Desist Order, three 13267 Directive Orders or letters, two Time Schedule Orders to bring them into compliance. Staff also issued monetary penalty actions, such as three Administrative Civil Liability (ACL) Orders or Complaints for a total of \$556,352 in liabilities.

California Integrated Water Quality System Project (CIWQS)																	
ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION																	
Here is your Customized Enforcement Actions by Region/Program/Action Report!																	
[VIEW PRINTER FRIENDLY VERSION] [EXPORT THIS REPORT TO EXCEL]																	
SEARCH CRITERIA: [REFINE SEARCH] Status (Active, Historical, Withdrawn) Occurred on or after 09/01/2012 Occurred on or before 10/30/2012																	
RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NSNC	NTC	SEL	SETCO	TSO	UNK	VER	TOTAL*
1	0	0	17	1	0	0	0	0	3	0	0	5	0	0	0	0	26
2	0	0	0	10	1	0	3	0	6	0	0	0	0	0	0	0	20
3	0	0	0	6	0	0	0	0	4	0	0	0	1	0	0	0	11
4	2	1	0	4	0	0	4	9	16	0	1	2	0	0	0	1	40
SF	2	64	0	1	1	0	1	0	10	2	0	18	0	0	0	14	113
SR	0	0	0	0	0	0	0	0	4	0	0	3	0	2	0	0	9
SS	1	0	0	2	0	1	0	1	37	0	0	0	0	1	0	11	54
BT	0	0	0	5	0	0	0	0	0	0	0	2	0	0	0	6	13
BY	0	0	0	1	0	0	0	0	4	0	0	0	0	0	0	2	7
Z	0	0	0	3	0	1	0	0	5	0	0	9	0	0	0	0	18
8	0	47	0	0	0	0	0	13	0	0	0	4	0	0	1	15	80
9	21	21	0	1	0	0	0	0	15	0	0	25	0	0	0	0	103
STATEWIDE*	36	143	17	34	2	2	8	23	104	2	1	68	1	3	1	49	494

ENFORCEMENT ACTION LOOKUP:		
13267 = 13267 Letter	13267 = 13267 Letter/Order	1st_NNC = 1st Annual Report Notice of Non-Compliance
2nd_NNC = 2nd Annual Report Notice Noncomp	ACL = Admin Civil Liability	CAO = Clean-up and Abatement Order
CDO = Cease and Desist Order	EPL = Expedited Payment Letter	NNC = Notice of Stormwater Noncomp
NOV = Notice of Violation	NSNC = Notice of Stormwater Noncomp	NTC = Notice to Comply
SEL = Staff Enforcement Letter	SETCO = Settlement - Court Order	TSO = Time Schedule Order
UNK = Unknown	VER = Oral Communication	VER = Verbal Communication

* Columns or Rows count distinct instances of Enforcement Actions.

Overall, when looking from a statewide perspective, our Regional Board issued approximately 35% of the total count of statewide enforcement actions in the core regulatory programs during this period.

The five core regulatory programs are: NPDES Wastewater, NPDES Storm Water, Wetlands and 401 Water Quality Certification, Non 15 Waste Discharge Requirements and Title 27 Land Disposal. The graph above reflects that information. In addition, in the other programs, such as Underground Storage Tanks, Irrigated Lands Regulatory Program and Site Cleanup, enforcement actions are not tracked in the Water Boards' main California Integrated Water Quality System (CIWQS) database, staff have also issued numerous enforcement actions in these programs since the last report.

NEW! The California Water Boards' Annual Performance Report - Fiscal Year 2011-12

The State Water Resources Control Board released the fourth annual Performance Report. This report provides a mechanism to measure and evaluate both what we do and how the environment is responding to our actions, and is part of our overall effort toward developing as performance-based organizations. The Water Boards regulate approximately 32,000 dischargers, out of which, close to 30% of them are under the Central Valley Water Board's jurisdiction. Our Regional Board contributed substantially, not only in enforcement, to the overall performance of the Water Boards during the FY 2011-12.

http://www.waterboards.ca.gov/about_us/performance_report_1112/

Staff will continue to focus on a number of topics in the current fiscal year. A few of the main areas of attention include sanitary sewer overflows; storm water runoff; mines runoff; 401 water quality enforcement (unauthorized dredge and fill); groundwater protection (possibly targeting nitrates and salts); threats to groundwater and surface waters from Irrigated Lands and Concentrated Animal Feeding Operations facilities; compliance with existing enforcement orders, and timely submittal of complete monitoring reports. Staff will continue to use the enforcement prioritization approach in determining which facilities may be subject to formal enforcement actions, balancing the need for corrective action with the extent of resources available.

More information with additional details can be found on our Web Page by accessing the [Board Decisions](#) tab or by accessing the [Enforcement](#) link found on the home page.

SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

1. **1 September to 30 October 2012**

Sanitary sewer overflows (SSOs) continue to be an area of concern and focus of attention for Central Valley Water Board staff. During this period, 17 Category 1 and 166 Category 2 spills have been reported and certified. **Category 1** spills are defined as discharges of sewage that a) equal or exceed 1,000 gallons, or b) result in a discharge to a drainage channel and/or surface water; or c) discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system. **Category 2** spills are defined as other discharges of sewage.

A more detailed account of the sewage spills is included in Attachment A to the EO Report.

Reports on sewage spills are available on a real-time basis to the public from the State Water Board's webpage at: http://www.waterboards.ca.gov/water_issues/programs/sso/index.shtml

Sewage Collection Agencies report SSOs on-line at the State Water Board's CIWQS database pursuant to the requirements of State Water Board Order No. 2006-0003-DWQ (*General Statewide Waste Discharge Requirements for Sewage Collection Agencies*). Additional information about Water Boards' SSO Reduction Program can be found at http://www.waterboards.ca.gov/water_issues/programs/sso/docs/compliance_report2011.pdf

2. **2805 Pioneer Drive, Redding**

On 24 October 2012, the City of Redding notified about an SSO that occurred at a manhole located at 2805 Pioneer Drive. Initial findings reported by the City indicate that the spill started at 11:30 am and was stopped by the City's spill response team at 12:22 pm the same day. The City reported an estimated 26 gallons was recovered out of a total estimated spill volume of 52 gallons. Portions of the spill are reported to have discharged to Jenny Creek, a tributary of the Sacramento River. Blockage due to roots, rags, and grease in the line was reported as the cause of the spill. Currently, the City is conducting water quality sampling in the receiving waters to evaluate potential impacts resulting from the incident and will provide a final incident report along with these sampling results. Board Staff is currently investigating the incident and evaluating appropriate enforcement actions.

3. **LTS Rentals, 1430 and 1600 South Cherokee Lane, Lodi**

In 2003 LTS removed six ASTs and fuel dispensers. Soil samples contained diesel and gasoline however, grab groundwater samples were non-detect for petroleum constituents. In 2009, LTS Rentals excavated 8,800 cubic yards of impacted soil that contained about 10,000 pounds (1,600 gallons) of petroleum hydrocarbons, disposing of 2,400 cubic yards at a landfill and bio-remediating 6,400 cubic yards onsite, which was used to backfill the excavation. The site no longer poses a threat to groundwater quality or human health and safety. A No Further Action letter was issued 25 July 2012.

DELTA ACTIVITIES

1. **Delta Regional Monitoring Program (RMP)**

A Pre-Steering Committee has been formed for the Delta RMP. At the 15 August stakeholder meeting, categories and numbers of representatives each category would have on the Steering Committee (SC) were discussed and later “finalized” via e-mail in late September. Notes from the meeting are being reviewed and will be posted online once finalized.

2. **Ammonia/Nutrients**

Staff is collecting available data and formulating a plan to develop a Nutrient Strategy, as recommended by the Delta Stewardship Council’s Delta Plan. This Strategy aims to incorporate low dissolved oxygen, cyanobacteria and algal blooms, decreased diatom production, and increased *Egeria densa* and water hyacinth colonizes in the Delta. In addition to data gathering, staff plans to hold and attend numerous workshops on these issues in development and consideration of nutrient issues.

3. **Toxicity**

Staff is initiating a collaborative effort with EPA, USGS, SWRCB, CDFG, University of Minnesota, and UC Davis to compare and contrast traditional monitoring techniques with cutting-edge techniques assess water quality based on various endpoints. Gene expression, biomarker analysis, enzymatic analysis, chemical analysis, traditional and newer laboratory testing, and in-situ testing will all be used. The main goal of the study is to compare all the various types of testing to optimize use of analyses depending on questions asked. Performing two specific tests may prove more effective than a combination of three other tests, etc. This study will also provide more insight into data analysis of certain endpoints compared to others.

4. **Interagency Ecological Program (IEP)**

IEP has selected a tentative list of proposals to be funded under its 2013 Workplan. Final award will be made in December. Staff will work with principal investigators to finalize their contaminant-related studies and act as technical advisor during the duration of their contract.

TMDL/BASIN PLANNING

On 25 September, Danny McClure hosted a stakeholder meeting in Rancho Cordova for the Central Valley Pesticide TMDL and Basin Plan Amendment. The primary topic of discussion was preliminary staff draft Basin Plan Amendment language for controlling diazinon and chlorpyrifos discharges. A public review draft of the Amendment is scheduled for release in late 2012, and to be brought before the Board in May 2013.

For more information please see

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/index.shtml

On 30 October, Melissa Dakar hosted a scoping meeting in Rancho Cordova concerning the development of a Basin Plan amendment and TMDLs for the control of discharges of the herbicide diuron. For more information please see

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/diuron_tmdl_bpa/index.shtml

On 30 October, Tessa Fojut hosted a scoping meeting in Rancho Cordova concerning the development of a Basin Plan amendment and TMDLs for the control of discharges of pyrethroid pesticides. For more information please see

http://www.waterboards.ca.gov/centralvalley/water_issues/tmdl/central_valley_projects/central_valley_pesticides/pyrethroid_tmdl_bpa/index.shtml

MUNICIPAL AND DOMESTIC SUPPLY

1. **Evaluation of Municipal and Domestic Supply (MUN) Beneficial Use in Sacramento Valley Publicly Owned Treatment Works (POTW) Receiving Water**

The project evaluating appropriate application of MUN in agriculturally dominated receiving waters of four publicly owned treatment works (POTWs) in the Sacramento Valley is continuing close to schedule with stakeholder meetings, CEQA scoping sessions and continued water quality monitoring to characterize the water bodies in question. A proposal to the CV-SALTS Administrative Committee was made in September 2012 requesting funds to cover a portion of the anticipated analytical costs for the remainder of the monitoring portion of the project (December 2012 through September 2013). An agreement was reached with CV-SALTS to cover the projected remaining costs, however, due to the time needed to secure a laboratory subcontract, no funds were available to cover the monitoring for November 2012. The cities of Biggs, Colusa, Live Oak and Willows agreed to cover the costs for this one-month shortfall in addition to continuing to offer field support as needed. Central Valley Water Board staff continues to coordinate with city staff to monitor all four study areas bimonthly.

A CEQA public scoping notice was sent out in early October 2012 to all interested parties announcing three region wide meetings as follows: October 25 (Willows), November 2 (Rancho Cordova) and November 7 (Fresno). Three meetings were scheduled since one of the objectives of the overall project is to use the information developed in the POTW case study as a template for evaluating appropriate MUN protection in agriculturally dominated water bodies throughout the Central Valley. An informational document containing further details on the project was completed at the end of September 2012 and posted to the project website (see link below).

The next stakeholder meeting will be schedule for December and will include: a review of the third quarter monitoring results; summary of CEQA Scoping meeting comments; update on CV-SALTS policy discussions related to MUN; and confirmation of meeting schedule and topics for 2013.

2. **MUN Meeting Participation**

On 25 October, Jeanne Chilcott, Anne Littlejohn, Calvin Yang, Heidi Bauer, Katie Bowman, Margaret Wong, Mark Cady and Greg Cash participated in the first CEQA scoping/public workshop meeting in Willows. A review of the project background and potential alternatives were presented by staff. Stakeholders provided comments and recommendations during the meeting and these will be summarized and responded to following the last CEQA public scoping meeting on November 7, 2012.

More information on the project can be found at:

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

SALINITY AND CV SALTS

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

Work through the months of September and October included formation of a Project Management Committee to oversee the Initial Conceptual Model and GIS Framework for the Valley-wide Salt Source, Fate and Transport Model, and a kick-off meeting to provide CV-SALT participants an overview of the two projects. Work on both projects has been initiated. The Strategic Salt Accumulation Land and Transportation Study (SSALTS) workplan which will evaluate viable salt disposal alternatives was finalized and will be considered for approval and funding by the Executive Committee in November. A report recommending a range of salinity water quality criteria for the protection of stock watering beneficial use was finalized and work continued on exploring ways to develop a range of appropriate salinity criteria for the protection of aquatic life beneficial uses. In addition, a workplan is being developed to evaluate appropriate salinity objectives for the protection of agriculture irrigation supply within management zones throughout the Central Valley. The zones will be based in part on like hydrogeology, climate and water management and will include verification with the agricultural community.

The Executive Committee continued its policy discussions related to appropriate application of and level of protection for Municipal and Domestic Supply (MUN) and Agricultural Supply (AGR) beneficial uses. The committee anticipates drafting policy recommendations based on the discussions by early 2013. The AGR recommendations will be incorporated into the workplan evaluating appropriate water quality objectives for AGR management zones.

The Lower San Joaquin River Committee is continuing its effort to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. Discussions have continued with the Department of Water Resources and US Bureau of Reclamation regarding specific elements of the project workplan that may be undertaken by the two agencies. A scope of work and request for qualifications for the remaining workplan tasks is being developed and that work will be contracted through East Stanislaus Resource Conservation District using Clean Up and Abatement Account funding that has been specifically allocated for this effort. Draft language for beneficial use identification, basin hydrologic background conditions and a problem statement is being evaluated and will be finalized as part of the development the supplemental environmental documentation for the project required under the California Environmental Quality Act (CEQA).

The annual report to the State Water Resources Control Board on the CV-SALTS initiative is scheduled for 4 December 2012. A staff report is being finalized and preparation of presentations for the meeting will begin in early November. An announcement will be sent out using the CV-SALTS Lyris email list server. Interested parties can be added to the Lyris List and receive such notifications by going to the website listed below and checking the box marked, "Central Valley Salinity (CV-SALTS)".
http://www.waterboards.ca.gov/resources/email_subscriptions/reg5_subscribe.shtml

2. **CV-SALTS Meeting Participation**

On 10 September, Jeanne Chilcott, Pam Buford, and Jim Martin participated in a joint meeting of the Executive and Technical Advisory Committees. The main topics discussed at the meeting were the Initial Conceptual Model (ICM) and GIS Framework workplans and the selection of Technical Project Manager. A decision was made to form a Project Review Committee to oversee the ICM and GIS projects and to seek volunteers for the Committee. Both workplans were approved with some modifications, and authorization was given for \$453,550 the ICM workplan and \$100,000 for the GIS workplan. Authorization was also given to award a contract in the amount of \$296,098 to CDM-Smith for Technical Project Management Support through 14 August 2013. The committees were also briefed on the status of the SSALTS workplan, the Stock Watering water Quality Criteria report, and the Tulare Lake Bed MUN archetype project.

On 20 September, Jeanne Chilcott, Pam Buford and Clay Rodgers participated in the CV-SALTS Executive Committee Policy meeting.

On 21 September, Jeanne Chilcott and Jim Martin participated in a meeting of the Technical Advisory Committee. Updates were provided on the Stock Watering and Aquatic Life Water Quality Criteria studies, the SSALTS workplan, the POTW and Tulare Lake Bed MUN archetype projects, and the Initial Conceptual Model and GIS Framework projects.

On 8 October, Jeanne Chilcott and Pam Buford participated in a CV-SALTS Executive Committee Administrative Meeting focused on a budget review of funding including current work, pending contracts, and future work. Project status report was provided on all currently contracted technical work.

On 8 October the kick-off meeting for the Initial Conceptual Model/GIS Framework project was attended by Clay Rodgers and Rob Busby, the Regional Water Board's representatives on the Project Management Committee.

On 11 October, Jeanne Chilcott and Pam Buford participated in a CV-SALTS Selection Committee teleconference to evaluate a revised scope of work for Aquatic Life Beneficial Uses.

On 18 October, Pamela Creedon, Clay Rodgers, Jeanne Chilcott, and Pam Buford participated in the CV-SALTS Executive Committee Policy discussions based on a strawman proposal for establishing salinity objectives for determining reasonable protection of agricultural supply (AGR) beneficial use.

On 19 October, Jeanne Chilcott and Jim Martin participated in the CV-SALTS Technical Advisory Committee. The status of the Aquatic Life Criteria study and the Tulare Lake Bed MUN archetype projects were reviewed and direction for follow-up was given by the Committee. Revised versions of the SSALTS workplan, Stock Watering Criteria report, and the Agricultural Zone Mapping workplan were reviewed. The data source list for the Initial Conceptual Model was presented by the consultant and comments provided by Committee members.

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

Staff continued to meet monthly (September and October) with representatives of U.S. Bureau of Reclamation (USBR) to discuss the status of work related to the MAA addressing salt imports to the San Joaquin River basin. The focus of the meetings was on means of supporting and utilizing the CV-SALTS Lower San Joaquin River Committee as the USBR facilitates the development of a Real-Time Management Program to maximize salt exports from the Basin while protecting beneficial uses. One component of the discussions included identifying possible tasks in the workplan developed by the Committee, which USBR could commit to complete or provide support services to help complete.

DAIRIES

Compliance Inspections

Dairy compliance staff is committed to eliminate the backlog of 550 dairies that have not been inspected since the Dairy General Order was adopted. Approximately 1600 dairies were put under the General Order when it was adopted in 2007. During the first quarter of the current fiscal year (2012/2013), staff has conducted approximately 200 inspections, significantly reducing the backlog. It is anticipated that the entire backlog will be eliminated by the end of the fiscal year. (DEE)

GENERAL

Increased public attention to timber harvesting and land use within the Battle Creek watershed (primarily located in Shasta County) has led to an increase in coordination between staff of the Timber Harvest Program in the Redding office and stakeholders (other agencies involved in timber harvest review, rural roads, utility lines and the downstream habitat restoration effort, the public and the industry). In August 2012, the Ponderosa fire burned a significant portion of the forested lands in the watershed further compounding the issues and potentially delaying the successful restoration of the habitat project. Program staff would like to present an information item outlining the program and our work in the Battle Creek watershed at an upcoming Board meeting.

Groundwater Quality Protection Strategy for the Central Valley Regional, a Roadmap – Workplan June 2011-June 2013 (Update)

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

Action 6.4. Develop a Salt and Nitrate Management Plan for the Central Valley. The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012, that identifies submittal of a draft plan in May 2014 and a final plan in May 2016. Over the last six months CV-SALTS has provided an update to the Central Valley Water Board (June 2012) and an Annual Report to the State Water Board (4 December 2012). Over the next six months the Executive Committee will continue work on policy considerations, utilizing information generated in case studies as proof of concepts for draft policy recommendations. Additional case studies have been initiated which will provide proof of concept for implementation options. <http://cvsalinity.org/>

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

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

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

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

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement an irrigated lands program that establishes a groundwater protection program for wastes associated with agricultural practices. The Central Valley Water Board is in the process of developing and adopting General Waste Discharge Requirements for discharges of wastewater from irrigated lands in the Central Valley. Development of seven Orders that allow growers to be represented by third-party groups are planned, with six Orders covering specific watershed areas, one Order covering a specific commodity (rice), and one Order for those growers that are not part of a third-party group. The first Order for growers represented by a third-party group is being considered for adoption at the December 2012 Board meeting. 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 State Water Board is targeting the first quarter of 2013 for adoption of the Order.

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap and the Workplan can be found at:

http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml Development of a second phase workplan will begin soon. This workplan will include the medium priority actions as well as any work that has not been completed by the end of the current workplan in June 2013.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

Long-term Irrigated Lands Regulatory Program

Meetings and Outreach

On 11 October, Karl Longley, Pamela Creedon, Clay Rodgers, Doug Patteson, and Joe Karkoski participated in a tour of different farming operations in the Tulare Lake Basin. The tour included members of the agricultural community, the environmental justice community, and University of California Cooperative Extension.

On 12 October, Pamela Creedon, Clay Rodgers, and Joe Karkoski met with representatives from the Southern San Joaquin Coalition, East San Joaquin Water Quality Coalition, commodity groups, and the Farm Bureau to discuss several agricultural concepts related to the Eastern San Joaquin River Watershed and Tulare Lake Basin WDRs.

On 30 October, Joe Karkoski participated in a panel discussion at the Fertilizer Research and Education Program (California Department of Food and Agriculture)/Western Plant Health Association conference in Modesto. The panel discussed nitrogen management issues.

Sacramento River Watershed Rice WDR

The California Rice Commission (CRC) submitted revisions to their draft Groundwater Assessment Report (GAR) in late October. Staff and CRC will meet in November to discuss the surface water MRP and GAR. (JK)

Sacramento River Watershed WDRs (excluding rice)

On 12 September staff met with Sacramento Valley Water Quality Coalition representatives to discuss the Coalition's proposed WDRs and MRP. A follow-up meeting will be scheduled for December or January. (JK)

Westlands Area WDRs On 5 October, staff met with Westlands Stormwater Coalition to discuss Coalition-specific issues related to development of the long term Irrigated Lands Regulatory Program. Topics of discussion included updates to the WDR development schedule, projected program cost estimates, and a brief overview of known hydrologic data in the Westlands area. (BV)

Basin Plan Amendments on Cost Estimate and Potential Sources of Financing

On 17 July, the State Water Resources Control Board approved the (non-regulatory) amendments to the Sacramento/San Joaquin and Tulare Lake Basin Plans that provided cost estimates and potential sources of financing for the long-term irrigated lands regulatory program. The amendments have been submitted to the Office of Administrative Law. (JK)

Enforcement

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

In September, ILRP staff mailed 18 Notices of Violation to landowners in the San Joaquin County & Delta Coalition area for failure to respond to a CWC §13267 Order.

In October, staff mailed 67 and 21 CWC §13267 Orders to landowners in the Sacramento Valley Water Quality Coalition area and East San Joaquin Water Quality Coalition area, respectively. These Orders were issued to landowners who first received an outreach postcard and subsequently did not respond.

Also in October, staff mailed two CWC §13260 Orders to landowners whose property staff had inspected and found to be commercial irrigated lands with the potential to discharge waste. (BLS)

Compliance & Outreach – Postcards

In September, ILRP staff mailed 116 postcards to non-participating landowners in Colusa County; and in October, staff mailed 50 postcards to non-participating landowners in the Sacramento Valley Water Quality Coalition area. ILRP staff screened these landowners' parcels using aerial photography to target agricultural operations with the potential to discharge waste to surface waters. (BLS)

Compliance & Outreach – Surveillance and Complaint Inspections

On 28 September, staff received a complaint of excessive dust and a sediment-laden wastewater discharge from recently graded agricultural property near Placerville in El Dorado County. Staff investigated the complaint on 2 October and found that the property had about 57 mass-graded acres; staff also found evidence of a sediment discharge. In response to the investigation, the Executive Officer issued CWC §13267 Orders to two parties who were found to own a parcel each that comprise the property. The 13267 Orders require the landowners to prepare an *Erosion and Sediment Control Plan* and submit it to board staff within 30 days. (BLS)

Coalition Groups

East San Joaquin Water Quality Coalition

On 5 September, staff held the 16th quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals, and potential monitoring site and schedule revisions.

On 23 October, the East San Joaquin Water Quality Coalition (Coalition) submitted request to add Management Plan Performance Goals and Measures for the Hatch Drain at Tuolumne Road, Highline Canal at Lombardy Road, Merced River at Santa Fe, and Miles Creek at Reilly Road site subwatersheds as part of the Coalition's approved Management Plan implementation schedule. The proposed Performance Goals and Measures are under staff review. (JSH)

Sacramento Valley Water Quality Coalition (SVWQC)

On 7 September, the Executive Officer sent a letter to the Coalition approving the Pilot Watershed annual reports for El Dorado County and Napa County Subwatersheds.

On 17 September staff members Susan Fregien, Scott Perrou and Mark Cady met with representatives from the Coalition to discuss and come to agreement on the acceptable contents to be included in documents describing performance goals established in response to Management Plans. This meeting focused on activities in the Z-Drain drainage in Solano County, which is under a management plan for toxicity to *Hyaella azteca*.

On 1 October staff members Susan Fregien, Scott Perrou and Mark Cady met with representatives from the Coalition for their Quarterly Management Plan meeting. Staff and the Coalition representatives reviewed the status of several Management Plan elements, agreed upon next steps and confirmed submittal schedules for required work this quarter. (MC)

San Joaquin County and Delta Water Quality Coalition

On 12 September, staff held the 15th quarterly meeting with the San Joaquin County and Delta Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals, and TMDL monitoring.

On 10 September, Chris Jimmerson attended the San Joaquin County and Delta Water Quality Coalition steering committee meeting held in Stockton. The committee discussed the Coalition's monitoring results, management practice implementation, and upcoming TMDLs. (CJ)

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

On 23 October 2012, the Executive Officer issued an approval letter for a Management Plan for water quality exceedances within the Main Drain watershed area of Kern County.

On 23 and 24 October, staff received revised Management Plans for the Kings River and Tule River Sub-watershed areas. The Management Plan revisions were in response to staff comment letters issued to both sub-watersheds in July. The revised Management Plans are currently under review. (BV)

Westside Coalition

On 5 September, senior staff approved the 30 June Westside Coalition performance goals for the Focused Plan III. The Performance Goals provide a method to track the Coalition's efforts in improving water quality.

On 5 September, senior staff approved the 15 June Westside Coalition semiannual monitoring report. Staff proposed that the Coalition should provide an analysis of the monitoring results before and after management plan implementation in the next SAMR.

On 31 October 2012, staff held the Westside San Joaquin River Watershed Coalition quarterly meeting to discuss 2012 subwatershed review and Quality Assurance Project Plan updates. (CJ)

Other Projects

Data Management

Data reports received through 1 December 2012 are currently being prepared for loading into a California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC). Additionally, Staff has begun the limited processing of prioritized data sets submitted prior to 2009. These sets have been classified as historical sets and will be loaded to the database and transferred to CEDEN as resources permit.

Data from 2009 through 2011 for all Coalitions are now available to the public on CEDEN. Data as recent as early 2012 is available for some coalitions and new data will continue to be transferred to CEDEN on a quarterly basis. The ILRP monitoring data webpage has been updated to provide a detailed status of available data sets. The information provided on this page also includes a schedule for future transfers and reflects which datasets have been updated recently and are planned to be updated in the next transfer.

Significant improvements in the formatting and business rule adherence of data submissions for Coalitions have been witnessed with implementation of feedback packages. Feedback packages were developed in 2011 to serve as real-time communication from staff to assist the Coalitions with the review and formatting of datasets prior to submission. This improvement has reduced the amount of resources required by the ILRP to successfully load and transfer the data as well as assisted the Coalitions in meeting the data submission requirements. To continue this progress, submitted data sets that require significant revisions to successfully process and load the data will now be returned to the Coalitions for correction. Staff are continuing to develop and provide resources and tools to assist the Coalitions with their data submissions. (MM)

Prop 84 Grant Funding

Twenty-three projects have been completed and invoiced under the grant program. Most of the projects from the first round of applications in August 2011 are complete. Some second and third round awarded projects are expected to begin construction and implementation before planting in 2013, depending on the weather. All projects should be completed by December 2014.

An additional task will be added to the CURES grant agreement specifying a soil erosion model for conversion from furrow to drip/micro irrigation. Field measurements will be included to validate the model accuracy. The model is expected to be completed in December 2013.

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

ILRP Staff Initials Key:

AL	Adam Laputz	JEC	Jeanne Chilcott	MM	Melissa Morris
BLS	Brett Stevens	JK	Joe Karkoski	MW	Margaret Wong
BV	Brent Vanderburgh	JSH	Jelena Hartman	RJS	Rudy Schnagl
CJ	Chris Jimmerson	MC	Mark Cady		

STAFF RECOGNITION

SUSTAINED SUPERIOR ACCOMPLISHMENT AWARDS

Candidate: Adam Laputz
Unit: ILRP
Title: Senior Water Resources Control Engineer
Supervisor: Joe Karkoski

Adam has been the project manager for the development of the long-term irrigated lands regulatory program (ILRP) since 2008, and his performance in that role has been outstanding. When he started on the project, limited progress had been made. The Board's vision of a comprehensive approach to regulating irrigated agricultural discharges was in jeopardy of being unfulfilled or significantly delayed.

Despite limited experience with agricultural issues, Adam used his superior project management skills and water quality permitting background to quickly get the project on track. Adam had to hit the ground running, arranging and preparing to present a series of California Environmental Quality Act (CEQA) scoping workshops throughout the Central Valley to solicit input on the Long-term ILRP within a few weeks of starting with the Central Valley Water Board.

Adam worked with our CEQA contractor to get a comprehensive "Existing Conditions Report", describing surface and groundwater quality conditions throughout the Central Valley, complete in 10 months after years of delay. Adam had the lead in developing the templates the Stakeholder Advisory Workgroup used to provide their input and was responsible for documenting their recommendations. Adam consistently received high praise from all stakeholders for understanding their perspective and accurately capturing their feedback.

With the stakeholder recommendations in hand in late 2009, Adam led our contractor and regional board team in completing the draft program EIR. Under Adam's direction, the contractors performed a complex analysis of the economic impacts and potential adverse environmental impacts of the alternatives in a very short time frame. Adam then led the regional board team in preparing a staff report that synthesized the environmental, economic, and policy analysis resulting in a staff recommendation that incorporated the best elements of each alternative – completing the draft program EIR and staff report in less than a year (July 2010). After leading the effort to respond to thousands of comments, Adam led the effort to make revisions to the program EIR and the staff recommendation. The board certified the program EIR in April 2011, meeting a key legal deadline, and directed staff in June 2011 to begin preparing a series of general waste discharge requirements consistent with the staff recommendation.

In less than a year (April 2012), he has led the team in preparing the first comprehensive set of general waste discharge requirements in the State that address irrigated lands discharges to groundwater and surface water. The WDRs will address discharges from over 800,000 acres of irrigated land in the eastern San Joaquin River watershed, and will begin to address the significant nitrate water quality problems in groundwater in the Central Valley. The timely release of the WDRs could not have been accomplished without Adam's positive attitude and talent for synthesizing complex, and often contradictory, input from a variety of internal and external stakeholders.

Candidate: Alan Cregan
Unit: ILRP
Title: Engineering Geologist
Supervisor: Joe Karkoski

Alan took over as the staff lead on groundwater quality and nitrate issues in the Long-term ILRP in the Fall of 2009. The most significant issue that the Long-term ILRP must address is elevated levels of nitrates in groundwater. Alan's first task was to synthesize the available information on nitrate processes and available data. Alan used his superior understanding of groundwater quality issues and his thorough approach to researching issues to develop a concise, well-written "Groundwater Nitrate Summary Report". The report

was completed in a matter of months and provided the board with an excellent technical foundation for moving forward to address nitrates from irrigated agriculture.

After the release of the draft program EIR, Alan had the lead in responding to all of the technical comments related to groundwater quality. Alan did an excellent job in researching the basis for the comments made and developing clear, professional responses, as well as making recommendations to the project lead on changes that should be made to the program EIR.

Once the program EIR was certified, Alan turned his attention to taking the lead in developing the groundwater quality monitoring requirements for the waste discharge requirements that would implement the program. Unlike traditional WDRs for individuals, the groundwater quality monitoring efforts had to relate the effects of thousands of discharges on groundwater quality over a vast area. In conjunction with his Assistant Executive Officer, Alan developed the requirements for implementing a trend monitoring program and "representative" monitoring program for irrigated agriculture. In addition, he took the lead in reviewing and providing responses to groundwater quality proposals developed by the California Rice Commission; East-side San Joaquin Water Quality Coalition; and the Southern San Joaquin Water Quality Coalition. Alan also had the overall lead in drafting the WDRs applicable to the Tulare Lake Basin.

Through it all, Alan has continually demonstrated his superior knowledge of groundwater quality issues and has shown his dedication to supporting his team's efforts by providing timely and well-thought input, even under the pressure of challenging deadlines.

Candidate: Dana Kulesza
Unit: ILRP
Title: Engineering Geologist
Supervisor: Joe Karkoski

Dana has provided key technical support for the Long-term ILRP since 2008. She did a superb job of summarizing thousands of surface water quality data points in easy to understand figures using her excellent Geographic Information System (GIS) skills. The data analysis she conducted was critical to demonstrating the ongoing need to address surface water quality problems and were foundational to the economic analysis conducted by the Water Board's contractors. Once the program EIR was certified, Dana played a key role in developing general WDRs for the Eastern San Joaquin River Watershed and took the lead in drafting general WDRs that will apply to individual growers who are not part of a coalition. Dana did an excellent job of bringing together key elements of existing general orders to develop draft WDRs that make sense for irrigated agriculture.

For the long-term program, Dana is the Sacramento office's go to person for gathering and analyzing spatial data sets, such as thousands of data points for groundwater wells and information on tens of thousands of agricultural operations. This skill has been and will continue to be invaluable in the development and implementation of the long-term program.

Throughout her work on the Long-term Program, Dana has not only produced superior work, but has always been willing to take on new assignments and challenges. Dana's willingness to take on new challenges and professional, friendly manner makes her fun to work with, especially given the complex and controversial nature of the irrigated lands program.

SUPERIOR ACCOMPLISHMENT AWARDS

At the October 4/5 Board meeting, Executive Officer presented Superior Accomplishment awards to the following staff:

Candidate: Stacy Gotham
Unit: NPDES
Title: Water Resources Control Engineer
Supervisor: Bryan J. Smith

Stacy is receiving the Superior Accomplishment Award for her outstanding work in the North Regulatory Unit of the Redding office.

The North Regulatory Unit conducts permitting, compliance, and enforcement activities for the NPDES and Non-15 regulatory programs. The supervising senior position for the unit has remained vacant for an extended period. This has created a hardship on the staff in the unit, the next line supervisor, and other office staff who have had to carry the extra work load. Because of her demonstrated program knowledge and attention to detail. Stacy assumed the role of acting senior for the unit; which provides a training opportunity for her, and provided some normalcy back to the unit. Stacy has done an excellent job. She has provided mentoring to new staff, coordinated with other office seniors, participated in management level discussions, and kept productivity on track. During this time several high-profile and complicated NPDES permits have been written with her input and review.

Stacy's efforts have helped ensure that the Central Valley Water Board's important water quality work gets appropriately prioritized and completed, even in a time of limited resources. Her expertise, enthusiasm, and flexibility are greatly appreciated.

Candidate: Dale Essary
Unit: Enforcement
Title: Water Resources Control Engineer
Supervisor: Doug Patteson

For more than two years, Dale has supervised the unit in the Fresno office responsible for compliance and enforcement at more than 600 dairies in the Tulare Lake Basin. His unit's responsibilities include overseeing inspections, responding to complaints, reviewing annual reports from each dairy; and in 2011, reviewing waste management plans from each dairy. When violations occur, Dale's unit is responsible for issuing notices of violation and for conducting formal enforcement actions such as cleanup and abatement orders and administrative civil liability complaints. His unit is responsible for compliance at other types of confined animal facilities, in addition to dairies.

Dale has done an exceptional job in keeping up with an extremely large workload and has been able to maintain a balance of all the functions of his unit. Many dairies are small family-owned businesses that do not have much sophistication or experience in complying with environmental regulations. Dale goes out of his way to work with dairy owners and operators to ensure they are aware of the requirements and their obligation to comply with them. When appropriate, Dale meets with owners and operators and assists them in understanding the regulations, which improves compliance rates. Dale also closely tracks compliance and ensures that enforcement is taken when necessary.

Dale's unit consists of four staff, which means there are more than 150 sites per staff member. This has required Dale to expend considerable personal effort in completing the work of his unit. Dale willingly puts in extra effort to complete project work and make sure enforcement is carried out in a timely manner in addition to keeping up with his other assignments and supervisory duties.

During the latter part of May the Redding Office relocated to a new building. Three staff from our Sacramento Office were called upon to go to Redding and assist in the move. During the week of the move there were numerous problems and these individuals consistently rose to the challenge and were able to work out solutions that were acceptable to everyone. As a result of their efforts the State avoided the loss of very expensive computer equipment and we were able to complete the move in less time than was originally expected.

All three staff below, are being recognized for their personal commitment to excellence and their willingness to go above and beyond to make sure that everything possible was done to make the Redding move as efficient and painless as possible.

Candidates: Holly Martin
Unit: Information Technology
Title: Staff Information System Analyst
Supervisor: Richard Loncarovich

Holly Martin was the calm voice of reason and the key person providing desktop computer support and assistance to the staff. In addition to moving computers over from the old office building Holly was working fast and furiously rolling out new computers for the Redding staff. Our Region has now migrated over to Window 7 operating system and Holly was instrumental in configuring and installing the new systems for the Redding Office.

Candidates: Scott Mills
Unit: Administration
Title: Office Assistant
Supervisor: Linda Bracamonte

Scott Mills wears many hats in our Sacramento Office and working alongside staff from State Board from Business Services, he was delegated to be the "answer man" while the move was in progress. He directed movers, filled carried and unpacked boxes, answered questions and calmed some frustrating nerves of Regional Board staff, State Board employees, movers and contractors. In the end everything that needed to be moved was moved and Scott was successful in making sure everyone had what they needed.

Candidates: John Daniels
Unit: Information Technology
Title: Staff Information System Analyst
Supervisor: Richard Loncarovich

John Daniels was his usual jovial self and went out of his way to provide assistance to the State Board IT staff with the installation of new switches. The amount of frustration increase significantly when it was discovered that there was no air conditioning for the server room. John worked diligently with the contractor and State Board facilities staff to identify the amount of cooling needed to properly cool the computer equipment. In the end John was able to help implement a temperature monitoring system so we could shut things down remotely when the temperature got too hot in the server room. This system worked well over the next couple of weeks until an air conditioner could be installed. In addition to all this John also found time to install and re-configure the servers, which was his original purpose for going to the office.

EMPLOYEE OF THE MONTH

Candidate: Bill Brattain
Unit: Title 27 Permitting and Mining Unit
Title: Water Resources Control Engineer
Supervisor: Victor Izzo

Bill handles the majority of the landfills in the Title 27 Permitting and Mining Unit. Bill diligently works on new permitting projects, backlogged sites and permit revisions. Bill provides technical support to other staff on landfill design and engineering. He also works closely with State Board on composting issues and provided support on the State Board draft general order for composting facilities.

Bill is my senior staff on landfills. Other staff goes to Bill for technical support and I count on him on engineering advice on landfill design. He also worked closely with State Board on the draft composting general order. My unit's production would be severely impacted without Bill.

Candidate: Holly Grover
Unit: Planning and Assessment
Title: Environmental Scientist
Supervisor: Sue McConnell

Holly worked diligently to provide our Board with a concise update of the Clear Lake Nutrient TMDL. She effectively used project management tools to keep on schedule, worked cooperatively with the responsible parties to gather the necessary information and synthesized technical information into an easy-to-understand presentation.

Holly is also the Nonpoint Source lead for our region and juggles multiple responsibilities. She coordinates with the other offices in our region as well as State Board staff, oversees the review of nonpoint source grant proposals, successfully advocates the advancement of proposals that support our TMDL implementation efforts, and manages a grant to help address nutrient issues in Clear Lake. In addition to this, Holly is responsible for a myriad of reporting activities associated with the Nonpoint program, including success stories and accomplishment reports to comply with federal and state mandates.

Candidate: Lorin P. Sutton
Unit: Confined Animals
Title: Engineering Geologist
Supervisor: Dale E. Essary

Lorin's professional demeanor, attention to detail, and excellent work habits are a great contribution to this organization's efforts.

During the past month, Lorin performed 17 dairy inspections to determine compliance with the Dairy General Order. He completed two Notices of Violation (NOVs) and a complaint inspection involving a surface water discharge that also resulted in an NOV. In addition, Lorin completed review of five responses to previous NOVs. Lorin also completed a General Order rescission and an owner/operator transfer.

Lorin consistently maintains a positive and professional demeanor when coordinating with dischargers and their consultants. He readily accepts tasks on short notice and accomplishes the tasks well and on time. His knowledge and organizational skills are useful to other staff in the Confined Animals unit. Lorin's sustained efforts in the performance of his assigned duties have made him a valuable addition to our organization. In addition, Lorin's excellent work habits and consistent high level of productivity are an example to other staff. I highly recommend Lorin for recognition of his accomplishments.

Candidate: George Low
Unit: Groundwater Unit
Title: Engineering Geologist
Supervisor: Clint Snyder

George has done an outstanding job managing his work load, completing multiple special assignments, and closed 9 UST cases this fiscal year.

George is being nominated for his contributions to the Redding Office, and specifically the Groundwater Unit. George manages cases in the Site Cleanup, Underground Storage Tank, and Land Disposal Programs.

George has been with the Central Valley Water Board for one year. During this short time George has completed detailed reviews of all assigned cases, closed 15 UST cases, 4 SCP cases, and completed multiple special assignments; George regularly assists fellow staff with complex enforcement cases, providing concise technical review of subsurface investigations.

His work ethic, attitude, and dedication are appreciated.

PUBLIC OUTREACH

On 11 September, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. Betty Yee was also in attendance. Prior to the meeting, a revised draft staff report was distributed for review by the Workgroup. Basin Plan language and Monitoring Plan elements were discussed by the Workgroup.

On 12 and 13 September, Betty Yee attended the Water Plan Plenary to coordinate with Department of Water Resources staff and other stakeholders on water quality content in the Water Plan.

On 17 September, Ben Letton presented at the California Society of Range Management's 2012 Annual Meeting in Sacramento. The presentation focused on current and past initiatives by the Water Boards to regulate and reduce water quality related impacts from rangeland activities.

On 18 September, 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 topics for the meeting were the election of the RAB Community Co-chair and a presentation on the McClellan Focused Strategic Sites.

On 18 September, Drew Coe and Angela Wilson attended the Battle Creek Working Group meeting. Drew presented information on the observed impacts to water quality from wildfire and prepared the group for what the Battle Creek watershed might experience after the Ponderosa fire.

On 19 September, Drew Coe and the Redding office hosted the Board of Forestry's Monitoring Study Group for their quarterly meeting. The meeting was attended by a wide representation of stakeholders and several presentations were given.

On 19 September, Ben Letton attended the Western Shasta RCD Board meeting in Anderson. Mr. Letton and NRCS representatives discussed a watershed scale conservation effort in Red Clover Creek and Cow Creek watershed.

On 19 September, 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.

On 19 and 20 September, Janis Cooke, Patrick Morris, and Chris Foe held a workshop with the independent Technical Advisory Committee (TAC) for the Delta TMDL's Methylmercury Control Studies. Over the two-day period, the TAC met with entities planning methylmercury control studies and provided comments on their study work plans. The TAC was formed to assist the Central Valley Water Board to have a robust, effective study period to develop and test methods to control methylmercury from point and nonpoint sources.

On September 21, Skyler Anderson was a guest speaker at the UCD Extension Water Quality Regulations and Permitting Course, the class was instructed by Jones and Stokes staff. The presentation included an overview of the 401 Water Quality Certification Program, submitting complete applications, compliance with the California Environmental Quality Act, and a discussion on water quality specific issues.

On 25 September, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. Betty Yee was also in attendance. Prior to the meeting, a further revised draft staff report was distributed for review by the Workgroup. Basin Plan language and Monitoring Plan elements continued to be discussed by the Workgroup.

On 26 September, Ben Letton attended a Northern Sacramento Valley IRWM meeting in Redding. The focus of the meeting was to receive feedback on project proposals from stakeholder groups.

On 2 October, Guy Chetelat participated in the Sacramento River Watershed Program (SRWMP) meeting in Chico. SRWMP and UC Davis are developing a report card evaluation of the lower Sacramento River Watershed.

On 2 October, Patrick Morris and Janis Cooke hosted a stakeholder meeting to continue development of the Delta Mercury Exposure Reduction Program (MERP) Strategy. The purpose of MERP is to reduce mercury exposure and health risks among people who eat Delta fish. The Strategy describes a discharger participation plan and steps for creating work plans for actual activities. This was the last of three stakeholder meetings to develop the Strategy before staff submitted the document to the Executive Officer.

On 4 October, Guy Chetelat participated in the Upper Sacramento/McCloud/Lower Pit Rivers IRWM meeting in McCloud. Good progress was made on governance and project selection processes.

On 4 October, Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document *Integrated DNAPL Site Strategy* (November 2011). This is the third of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 200 people world-wide attended this training.

On 8 October, Drew Coe presented at the Timber Harvest Working Group on Cumulative Watershed Effects organized by staff from Senator Chesbro's office. Angela Wilson participated in the meeting via teleconference.

On 9 October, Sue McConnell and Jay Simi facilitated a Drinking Water Policy Workgroup meeting. Revisions to the draft Staff Report were discussed. The Workgroup also had preliminary discussions regarding a special study to assess potential sources and ambient levels of *Cryptosporidium* in surface waters of the Delta and its tributaries.

On 9 October, Janis Cooke attended a meeting of the methylmercury Nonpoint Sources Workgroup. The workgroup discussed comments received from the methylmercury study Technical Advisory Committee and continued its work to match potential methylmercury control practices with different land uses and identify possible study locations.

On 9 October, Stephanie Fong and Christine Joab attended a meeting at the Department of Water Resources (DWR) to discuss estimating natural dissolved oxygen (DO) concentrations at Rough & Ready Island (RRI) when operating the Stockton Deep Water Ship Channel Aeration Facility.

On 9 October, Guy Chetelat participated in the Cottonwood Creek Watershed Group meeting coordinated by Tehama County RCD in Red Bluff. Projects concerning invasive riparian plants and fuel management to reduce catastrophic fire were discussed.

On 10 October, Ben Letton participated in data collection and monitoring of pond and plug restoration projects with public volunteers and partner agencies in Plumas County. The focus of the study and monitoring is to measure the short and long-term effects of pond and plug restoration project to downstream users.

On 10 October, Gen Sparks attended a meeting with Bill Orme and other State Water Board staff concerning the East Contra Costa County Habitat Conservation Plan/Natural Resources Conservation Plan. Presentations on the type of new federal permit and implementation of that permit were made by United States Army Corps of Engineers – Sacramento District and Contra Costa County staff. A panel discussion was held, which included California Department of Fish and Game and United States Fish and Wildlife Service representatives, to address any concerns or issues on permit implementation.

On 11 October, Greg Cash attended an evening meeting with Butte County Environmental Health Department and the Homeowners of Pheasant Landing – Phase I in Chico. The Pheasant Landing project consists of seventeen individual septic systems that are regulated by the Central Valley Water Board under individual WDRs. Discussion included possibly rescinding the WDRs, and allowing the County to oversee the individual septic systems, as long as the County would have a management program/inspection program instituted for the development, that would essentially replace the requirements in the current WDRs. This request by the Homeowners is following in-line with the State Board's recently adopted Onsite Wastewater Treatment Systems Policy, where local control over individual septic systems should be managed by the Local Agencies.

On 11 October, Stephanie Fong participated in the IEP Management Team monthly meeting. Among topics discussed were refinement of conceptual models and recent study results.

On 11 October, Ben Letton attended an Upper Pit IRWM meeting in Adin. The meeting focused on project proposals and scoring criteria for evaluating those projects.

On 15 October, Patrick Morris attended the Senate Select Committee (chaired by Senator Lois Wolk) hearing on Delta Stewardship and Sustainability. This was an informational hearing to discuss near term projects for the Delta to benefit water supply and the ecosystem. Projects included levee improvements, ecosystem restoration, water quality, recycled water, and research. There was stakeholder consensus that the projects are needed regardless of future Delta conveyance changes.

On 15 October, Janis Cooke met with staff of the Department of Water Resources and Department of Fish and Game to discuss possible methylmercury monitoring at the proposed Dutch Slough restoration site.

On 15 October, Debra Hallis and Drew Coe attended a field trip organized by the U.C. Cooperative Extension and the Northern California Society of American Foresters on rural roads. The field trip allowed observation and discussion of road improvement projects on public and private lands including upgraded stream crossings, quarry development, reclamation and management, road engineering treatments in wetlands, installation of out-sloping and rolling dips on previously in-sloped roads, and the use of armored fords as low water crossings.

On 16 October, Angela Wilson participated in a Non-Industrial Timber Management Plan meeting organized by staff from Senator Chesbro's office. The meeting was the first of several aimed at analyzing the pros and cons of the current NTMP process (limited to landowners with 2,500 acres or less) and to potentially develop a new process for non-industrial timber landowners owning greater than 2,500 acres.

On 16 and 17 October, Stephen Louie and Michelle Wood presented a poster at the Bay-Delta Science Meeting in Sacramento. The poster titled "Development of a Statewide Mercury Control Program for Reservoirs: Scientific Foundation" summarized the scientific basis for the development of the control program.

On 17 October, Skyler Anderson attended an Interagency Flood Management Collaborative Program Management Group meeting. During the meeting the group discussed the Sutter Bypass East Borrow Canal-Weir No. 2 Update, Small Erosion Repair Program, and implementation of Central Valley Flood Protection Plan, Rodent Abatement, and proposed delisting of the Valley Elderberry Longhorn Beetle.

On 19 October, Debra Hallis participated in the Shasta College Earth Science Week Information Day. A laptop computer slide show with working photographs from all Redding office units attracted college students to the booth where they learned about the CVRWQCB as well as obtained information on future career opportunities. Students were taught how to locate where they are on a topographic map when given GPS coordinates, and also received hands-on instruction in identifying fossils.

On 19 October, Phil Woodward and Clint Snyder conducted a morning bus tour with the Water Education Foundation's annual tour of Northern California. Topics discussed included surface and ground water quality issues in the Northern Central Valley associated with industry, timber harvest activities including the potential impacts from the recent fires, POTWs, underground tanks and abandoned mines. Bus stops included Iron Mountain Mine Superfund site and the Clear Creek restoration Project.

On 25 October, Betty Yee attended a workshop on the Water Plan Resource Management Strategy for Pollution Prevention to provide water quality input for the chapter.

On 26 October, Martice Vasquez and Holly Grover participated in the Clear Lake Advisory Committee meeting in Lakeport. Items discussed include IRWM Planning report, Clear Lake Nutrients TMDL update, cyanobacteria posting for lakes in California and other states, and the new Phase II storm water permit.

On 30 October, Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of five instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (August 2010). This is the sixth of nine training sessions on the document which is provide free of charge to regulators, consultants, academia and other interested persons world-wide. Approximately 110 people attended this training. (AMM)

On 1 November, Ben Letton attended an Upper Pit IRWM meeting in Adin. The meeting focused on corrections and suggested changes to the draft Upper Pit IRWM Plan document.

On 15 November 2012, Doug Patteson attended the Grand Opening Ceremony for the City of Woodlake's new wastewater treatment facility and conveyed Chair Longley's congratulations and well-wishes to the City. The new facility provides secondary treatment that includes nitrogen reduction to less than 10 mg/L (as nitrogen). (DKP)

PERSONNEL AND ADMINISTRATION

November 2012

<u>Total Positions</u>	<u>Permanent</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
267.6	232.6	35	3	36	3

Promotions:

0

Leave of Absence:

0

Return from LOA:

2

Separations:

1

Retirements:

0

TRAINING REPORT July 1, 2012 – August 31, 2012

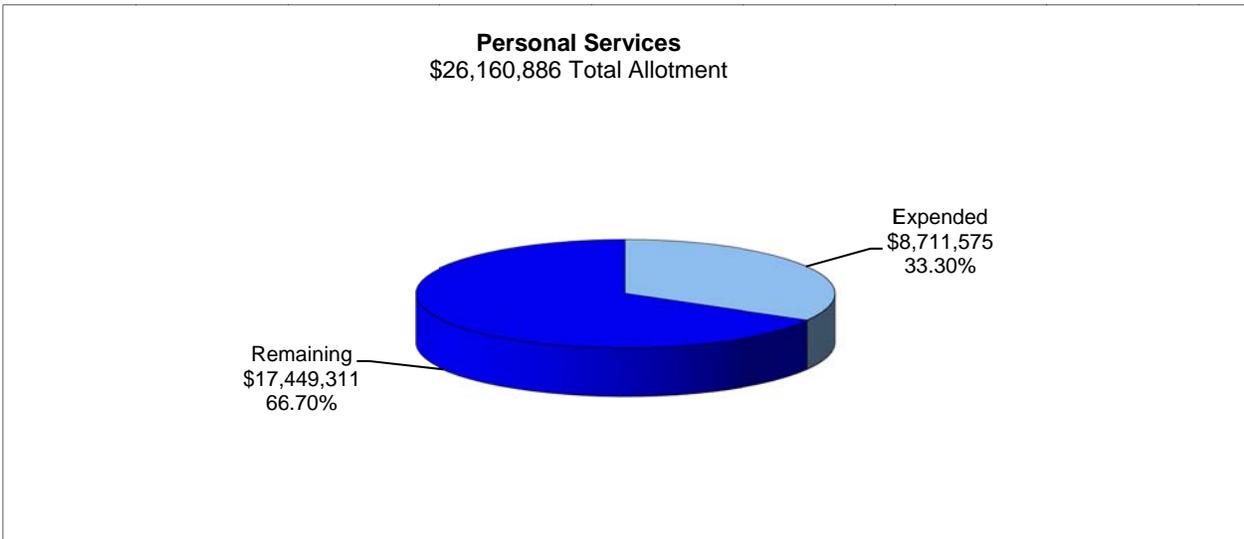
<u>Course Title:</u>	<u>Number of Attendees</u>
Ecological Signature of High Flows/HYD-401	7
Hazwopper Training	16
Analytical Laboratory Tour	2
Arcgis 10.1 Transform Your Organization	1
Basic Inspector Training	1
Basic Supervisor Training – Part I	1
Basic Supervisor Training – Part 2	1
Bay-Delta Science Workshop	7
Boater's Safety Course	1
California Rapid Assessment for Wetlands	2
Cal/EPA Basic Inspector Academy	1
California Storm Water Implementation and Enforcement	1
California Pacific Society for Range Mgt. 2012	1
CIWQS Webinar	4
Continuing Challenge Workshop – HAZMAT Workshop	2
Defensive Drivers Training	3
Leadership Development Program	30
Light Non-Aqueous Phase Liquids (LNAPLs)	1
Principles of Groundwater Flow and Transport Modeling	1
Rice Field Day	1
Security Awareness Training	76
Toastmasters	1

FISCAL REPORT
Estimate of October Expenditures
(33.3% should have been expended to date)

The State Water Resources Control Board, Division of Administrative Services is undergoing a change in their fiscal reporting data system. As such, we do not have actual expenditure data to report. The information provided below is estimated for the 2012/13 Fiscal Year.

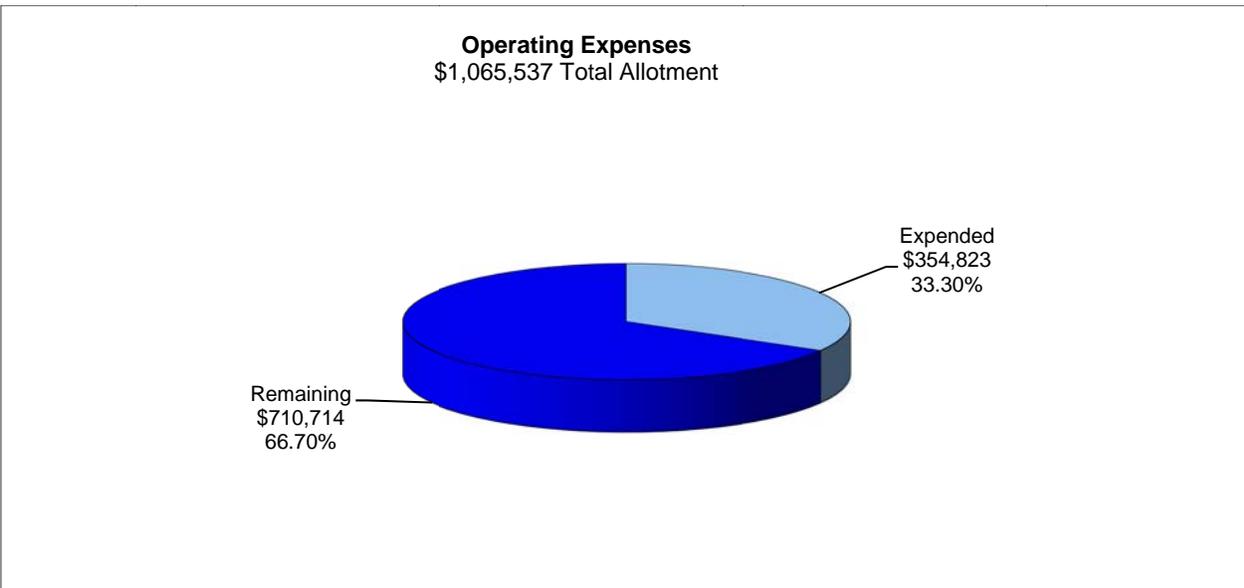
Personal Services:

Our estimated Personal Services budget for the 2012/13 Fiscal Year is \$26,160,886.



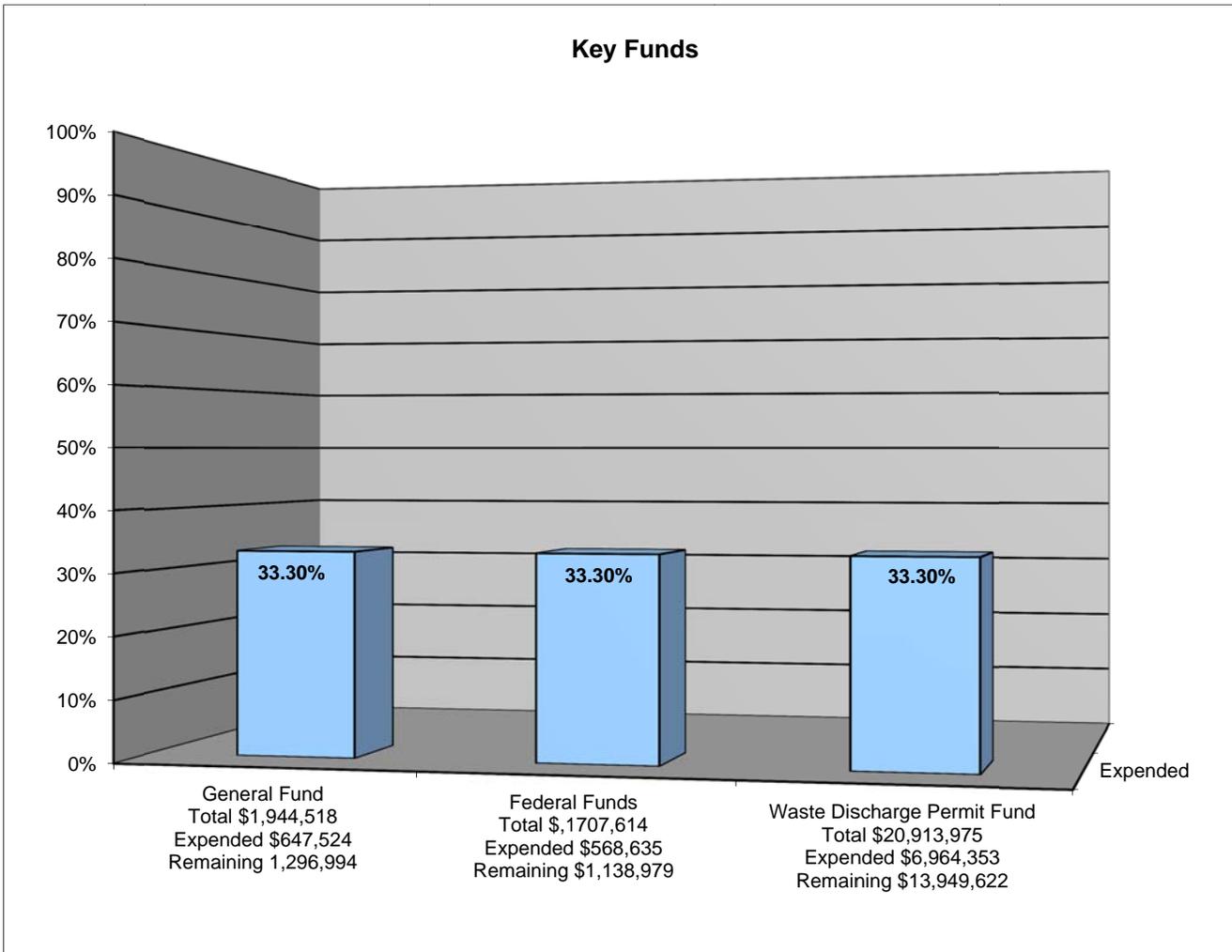
Operating Expenses:

Our estimated Operating Expense budget for the 2012/13 Fiscal Year is \$1,065,537.



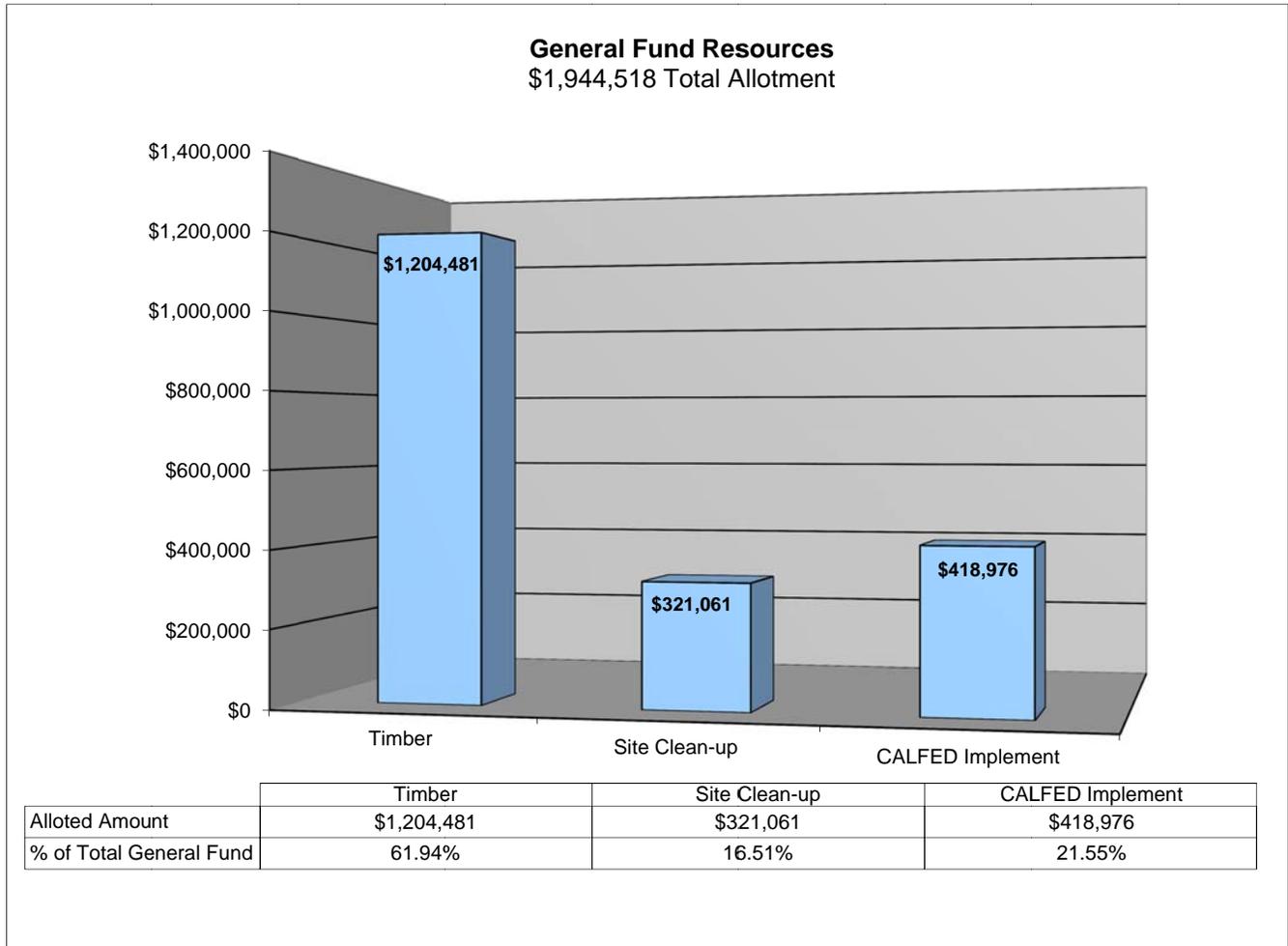
Key Fund Issues:

We estimate that all key funds are being expended at a reasonable level.



General Fund Resources:

Below is a chart showing how much general fund money we had for the 2011/12 Fiscal Year and what programs were funded from this resource. The Legislature and the Governor directed the money to these specific programs. We had very little discretion in shifting these resources to another program. We estimate that the 2012/13 Fiscal Year will be funded at the same level.



ATTACHMENT A

Count of Spills 1 September - 30 October 2012

Count of Spills										
	5F		5F Total	5R		5R Total	5S		5S Total	Grand Total
Start Date	Category 1	Category 2		Category 1	Category 2		Category 1	Category 2		
Sep	1	5	6				4	137	141	147
Oct	3	4	7	2	2	4	7	18	25	36
Grand Total	4	9	13	2	2	4	11	155	166	183

Spill Cause	Count of Spills
Root intrusion	102
Debri-General	22
Grease deposition (FOG)	22
Other (specify below)	16
Debri-Rags	6
Operator error	6
Pump station failure	5
Pipe structural problem/failure	3
Vandalism	1
Grand Total	183

Category 1 All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system that:

- A. Equal or exceed 1000 gallons, or
- B. Result in a discharge to a drainage channel and/or surface water; or
- C. Discharge to a storm drainpipe that was not fully captured and returned to the sanitary sewer system.

Category 2 All discharges of sewage resulting from a failure in an Enrollee's sanitary sewer system not meeting the definition of Category 1.

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	San Andreas CS	786792	Certified	Category 1	San Andreas Creek	Calaveras	Yes	10000	10000	9/19/2012	Pipe structural problem/failure
5R	City of Chico CS	787378	Certified	Category 1	Windham Way, Chico, CA	Butte	No	5000	0	10/21/2012	Pump station failure
5S	Sacramento Area Sewer District CS	787388	Certified	Category 1	60735	Sacramento	Yes	4700	4700	10/19/2012	Grease deposition (FOG)
5S	Colfax CS	787026	Certified	Category 1		Manhole Construction at Canyon Wand and	Placer	No	4500	0	10/7/2012
5S	Modesto CS	787294	Certified	Category 1	446 Roselawn Ave	Stanislaus	No	3220	0	10/11/2012	Debris-General
5F	City of Fresno CS	786950	Certified	Category 1	Manhole Number 1956-50	Fresno	No	2844	2668	10/2/2012	Other (specify below)
5S	Riverbank CS	787078	Certified	Category 1	Rivercove and Turnberry / Prestwick / Roya	Stanislaus	Yes	2000	1500	10/8/2012	Other (specify below)
5S	Deer Creek CS	786448	Certified	Category 2	DC-2012-09-07	El Dorado	No	915	0	9/18/2012	Pump station failure
5S	Jamestown SD CS	786087	Certified	Category 1	10760 Wigwam RD	Tuolumne	Yes	900	600	9/9/2012	Other (specify below)
5F	Tulare CS	786888	Certified	Category 2	Los Angeles and West Alley	Tulare	No	800	0	9/30/2012	Root intrusion
5S	Sacramento Area Sewer District CS	785937	Certified	Category 1	57004	Sacramento	Yes	608	608	9/4/2012	Grease deposition (FOG)
5F	Porterville, City of CS	787103	Certified	Category 2		Community Service Building	Tulare	No	536	0	9/11/2012
5S	City Of Antioch CS	787035	Certified	Category 2	101 WEST 20TH ST	Contra Costa	No	500	1	9/4/2012	Grease deposition (FOG)
5F	MD-27 Goldside CS	786805	Certified	Category 2	MD-27s Goldside	Madera	No	500	0	9/30/2012	Pump station failure
5R	City Of Oroville CS	787169	Certified	Category 2	Riverview LS	Butte	No	500	0	10/6/2012	Pump station failure
5F	Clovis City CS	787387	Certified	Category 1	Santa Ana and Woodworth	Fresno	No	500	300	10/19/2012	Debris-General
5F	City Of Bakersfield CS	787718	Certified	Category 2	Manhole	Kern	No	500	150	10/29/2012	Pump station failure
5F	City Of Bakersfield CS	786910	Certified	Category 2	511 HASWELL	Kern	No	400	0	9/29/2012	Other (specify below)
5S	Folsom State Prison CS	787128	Certified	Category 1	Tower 2	Sacramento	No	400	0	10/11/2012	Vandalism
5S	Lathrop CS to Manteca WQCF CS	786194	Certified	Category 2	McKinley Avenue @ northern road to indus	San Joaquin	No	300	0	9/13/2012	Operator error
5S	California State Prison, Sacramento	786905	Certified	Category 2	California State Prison Sac.	Sacramento	No	300	0	10/1/2012	Debris-Rags
5S	San Andreas CS	787393	Certified	Category 2	Manhole E- 340 in front of 212 Pixley Street	Calaveras	No	300	0	10/19/2012	Root intrusion
5F	City of Fresno CS	786277	Certified	Category 1	Manhole 2352-14	Fresno	No	297	108	9/16/2012	Root intrusion
5S	Modesto CS	785885	Certified	Category 2	1917 Mt Vernon Ave	Stanislaus	No	263	0	9/2/2012	Grease deposition (FOG)
5S	City of Woodland CS	786555	Certified	Category 2	City Cleanout	Yolo	No	229	0	9/12/2012	Root intrusion
5R	Red Bluff CS	787425	Certified	Category 2	1495 Elcerrito	Tehama	No	225	10	10/16/2012	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	787124	Certified	Category 2	57832	Sacramento	No	200	0	9/15/2012	Grease deposition (FOG)
5S	Murphys CS	786732	Certified	Category 2		Manhole # 12 at Murphys Grade Road/Fren	Calaveras	No	200	0	9/24/2012
5S	Marysville CS	787594	Certified	Category 2	intersection of Buchanan and 22nd St.	Yuba	No	200	0	10/20/2012	Debris-General
5S	City Of Antioch CS	787034	Certified	Category 2	Tabora @ James Donlon	Contra Costa	No	170	0	9/5/2012	Grease deposition (FOG)
5S	Marysville CS	787595	Certified	Category 2	Intersection of Covillaud Street and Covillar	Yuba	No	150	0	10/20/2012	Debris-General
5S	Angels Camp CS	786552	Certified	Category 1	1497 Finnegan Ln.	Calaveras	Yes	140	140	9/24/2012	Debris-Rags
5S	Ironhouse Sanitary District CS	786793	Certified	Category 2	993 Walnut	Contra Costa	No	125	0	9/28/2012	Grease deposition (FOG)
5F	City of Fresno CS	787168	Certified	Category 1	S. Second St. & E El Monte Way	Fresno	No	104	46	10/8/2012	Grease deposition (FOG)
5S	Riverbank CS	785850	Certified	Category 2	2525 Patterson Road	Stanislaus	No	100	0	9/1/2012	Grease deposition (FOG)
5S	Lincoln Village Maintenance Distric	787714	Certified	Category 2	Man hole in fron of 6610 Herndon	San Joaquin	No	100	0	9/30/2012	Debris-General
5S	Valley Springs Sd CS	787438	Certified	Category 2	97 Cedar Street Valley Springs ca	Calaveras	No	100	0	10/18/2012	Debris-Rags
5S	City of Sacramento Utilities CS	786890	Certified	Category 2	282 RIVERTREE WAY	Sacramento	No	94	0	9/30/2012	Grease deposition (FOG)
5F	City Of Bakersfield CS	787719	Certified	Category 2	11608 Bay Meadows	Kern	No	90	80	10/29/2012	Other (specify below)
5S	Modesto CS	787363	Certified	Category 2	810 Wright Street	Stanislaus	No	82	0	10/16/2012	Root intrusion
5S	City of Sacramento Utilities CS	786219	Certified	Category 2	7405 GREENHAVEN DR	Sacramento	No	75	0	9/13/2012	Other (specify below)
5S	City of Stockton MUD CS	786242	Certified	Category 2	8402 Pyreness Ct.	San Joaquin	No	75	0	9/14/2012	Debris-General
5R	Redding City CS	787622	Certified	Category 1	Manhole J4-30, located along Pioneer Dr ju	Shasta	Yes	52	26	10/24/2012	Other (specify below)
5S	Angels Camp CS	786034	Certified	Category 2	300 N. Baker	Calaveras	No	50	0	9/10/2012	Debris-General
5S	City Of Antioch CS	787073	Certified	Category 2	2849 Center Ln	Contra Costa	No	50	0	9/11/2012	Root intrusion
5S	Modesto CS	786986	Certified	Category 2	3112 Wollam Drive	Stanislaus	No	50	0	9/29/2012	Grease deposition (FOG)
5S	Rancho Murieta Community Service	787108	Certified	Category 1	behind 6925 Lindero Lane	Sacramento	Yes	50	2	10/10/2012	Debris-Rags
5S	Modesto CS	787356	Certified	Category 2	3100 McGeary St	Stanislaus	No	50	0	10/11/2012	Grease deposition (FOG)
5S	Colfax CS	787546	Certified	Category 2	clean out in the alley between Washington	Placer	No	50	0	10/24/2012	Debris-General
5S	City of Sacramento Utilities CS	786290	Certified	Category 2	2641 KIM AVE	Sacramento	No	41	0	9/15/2012	Grease deposition (FOG)

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- Result in a discharge to a drainage channel and/or surface water; or
- Discharge to a storm drainage that was not fully captured and returned to the sanitary sewer system.

Category 2 All discharges of sewage resulting from a failure in an operator's sanitary sewer system not meeting the definition of Category 1.

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
5S	Discovery Bay CS	786468	Certified	Category 2	Bridge on Clipper Dr.	Contra Costa	No	40	0	9/14/2012	Other (specify below)
5S	Lincoln CS	787444	Certified	Category 2	171 E. 6th	Placer	No	40	0	9/27/2012	Debri-General
5F	Farmersville WWTP CS	787367	Certified	Category 2	La Mejor	Tulare	No	40	0	10/15/2012	Grease deposition (FOG)
5S	City of Sacramento Utilities CS	786664	Certified	Category 2	7800 FREEPORT BLVD	Sacramento	No	31	0	9/20/2012	Debri-General
5S	Davis CS	786038	Certified	Category 2	825 Sycamore Lane	Yolo	No	30	0	9/10/2012	Root intrusion
5S	City of Stockton MUD CS	786213	Certified	Category 2	3119 Sea Gull Ln	San Joaquin	No	30	0	9/13/2012	Grease deposition (FOG)
5S	City of Stockton MUD CS	786404	Certified	Category 2	1001 Royal oaks Dr.	San Joaquin	No	30	0	9/19/2012	Root intrusion
5S	City of Stockton MUD CS	786516	Certified	Category 2	1616 Michigan Ave.	San Joaquin	No	30	0	9/21/2012	Root intrusion
5S	Bear Valley CS	787262	Certified	Category 2	West Bee Gulch Driveway & Hwy 4	Alpine	No	30	0	10/16/2012	Other (specify below)
5F	City Of Bakersfield CS	787723	Certified	Category 2	717 H st	Kern	No	30	10	10/29/2012	Other (specify below)
5S	Easterly CS	786458	Certified	Category 2	Longview @ Normandy	Solano	No	28	0	9/20/2012	Grease deposition (FOG)
5S	Colfax CS	787366	Certified	Category 2	Clean out Alley between Washington Street	Placer	No	25	0	10/18/2012	Debri-General
5S	City of Stockton MUD CS	786209	Certified	Category 2	2728 Cypress Av	San Joaquin	No	23	0	9/13/2012	Debri-General
5S	City of Sacramento Utilities CS	786665	Certified	Category 2	3824 14TH AVE	Sacramento	No	23	0	9/20/2012	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	786753	Certified	Category 2	56884	Sacramento	No	20	0	9/2/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786751	Certified	Category 2	56880	Sacramento	No	20	0	9/2/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786755	Certified	Category 2	56890	Sacramento	No	20	0	9/3/2012	Root intrusion
5F	Los Banos City CS	785960	Certified	Category 2	M & M Restaurant.	Merced	No	20	0	9/4/2012	Grease deposition (FOG)
5S	Ceres CS	786014	Certified	Category 2	2128 Eloise Ave.	Stanislaus	No	20	0	9/9/2012	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	787150	Certified	Category 2	58533	Sacramento	No	20	0	9/22/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787506	Certified	Category 2	58740	Sacramento	No	20	0	9/25/2012	Root intrusion
5S	Nw Regional Waste Disp Fac CS	787082	Certified	Category 2	No. Lakeport	Lake	No	20	0	10/9/2012	Other (specify below)
5S	City of Sacramento Utilities CS	786662	Certified	Category 2	89 ARCADE BLVD	Sacramento	No	19	0	9/19/2012	Pipe structural problem/failure
5S	Dry Creek CS	787690	Certified	Category 2	995 Darling Way	Placer	No	18	0	10/20/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786770	Certified	Category 2	57115	Sacramento	No	15	0	9/5/2012	Root intrusion
5S	City of Stockton MUD CS	786244	Certified	Category 2	801 W Flora St.	San Joaquin	No	15	0	9/15/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786757	Certified	Category 2	56948	Sacramento	No	14	0	9/3/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787133	Certified	Category 2	58026	Sacramento	No	14	0	9/18/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787141	Certified	Category 2	58422	Sacramento	No	14	0	9/21/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786773	Certified	Category 2	57255	Sacramento	No	10	0	9/7/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786781	Certified	Category 2	57392	Sacramento	No	10	0	9/10/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787126	Certified	Category 2	57840	Sacramento	No	10	0	9/16/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787492	Certified	Category 2	57953	Sacramento	No	10	0	9/17/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787309	Certified	Category 2	57850	Sacramento	No	10	0	9/17/2012	Root intrusion
5S	Olivehurst CS	787206	Certified	Category 2	4531 Meadow way	Yuba	No	10	0	9/19/2012	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	787137	Certified	Category 2	58271	Sacramento	No	10	0	9/20/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787144	Certified	Category 2	58493	Sacramento	No	10	0	9/21/2012	Root intrusion
5S	City Of Auburn CS	786921	Certified	Category 2	835 magnolia Ave SSO	Placer	No	10	0	9/21/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787507	Certified	Category 2	58782	Sacramento	No	10	0	9/26/2012	Root intrusion
5S	Yuba City CS	787487	Certified	Category 2	005-12	Sutter	No	10	0	10/19/2012	Debri-Rags
5S	Grass Valley City CS	787614	Certified	Category 2	109 Florence Ave.	Nevada	No	10	0	10/25/2012	Debri-General
5S	Sacramento Area Sewer District CS	786754	Certified	Category 2	56886	Sacramento	No	7	0	9/2/2012	Other (specify below)
5S	Sacramento Area Sewer District CS	787314	Certified	Category 2	58886	Sacramento	No	7	0	9/27/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787316	Certified	Category 2	59025	Sacramento	No	7	0	9/27/2012	Root intrusion
5S	Nw Regional Waste Disp Fac CS	787598	Certified	Category 1	North Lakeport, CA	Lake	Yes	7	7	10/26/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786763	Certified	Category 2	57006	Sacramento	No	6	0	9/4/2012	Root intrusion
5S	Sacramento Area Sewer District CS	786771	Certified	Category 2	57201	Sacramento	No	6	0	9/6/2012	Root intrusion
5S	City of Stockton MUD CS	786171	Certified	Category 2	1740 E Hazelton Av	San Joaquin	No	6	0	9/12/2012	Debri-General
5S	Sacramento Area Sewer District CS	787140	Certified	Category 2	58380	Sacramento	No	6	0	9/20/2012	Root intrusion
5S	Sacramento Area Sewer District CS	787154	Certified	Category 2	58545	Sacramento	No	6	0	9/22/2012	Root intrusion

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- C. Discharge to a storm drainage that was not fully captured and returned to the sanitary sewer system.

Category 2 All discharges of sewage resulting from a failure in an individual's sanitary sewer system not meeting the definition of Category 1.

SSOs 1 September to 30 October 2012

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause	
SS	Sacramento Area Sewer District CS	787165	Certified	Category 2		58742	Sacramento	No	6	0	9/25/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787163	Certified	Category 2		58650	Sacramento	No	6	0	9/25/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787305	Certified	Category 2		56962	Sacramento	No	5	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786756	Certified	Category 2		56930	Sacramento	No	5	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786777	Certified	Category 2		57300	Sacramento	No	5	0	9/8/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786776	Certified	Category 2		57293	Sacramento	No	5	0	9/8/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786782	Certified	Category 2		57409	Sacramento	No	5	0	9/10/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786779	Certified	Category 2		57372	Sacramento	No	5	0	9/10/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786786	Certified	Category 2		57771	Sacramento	No	5	0	9/14/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787129	Certified	Category 2		57955	Sacramento	No	5	0	9/17/2012	Debri-General
SS	Sacramento Area Sewer District CS	786790	Certified	Category 2		57873	Sacramento	No	5	0	9/17/2012	Grease deposition (FOG)
SS	Dry Creek CS	786466	Certified	Category 2	159 Donner Ave		Placer	No	5	0	9/19/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787146	Certified	Category 2		58495	Sacramento	No	5	0	9/21/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787312	Certified	Category 2		58557	Sacramento	No	5	0	9/23/2012	Root intrusion
SS	Dry Creek CS	786550	Certified	Category 2	615 Encinal Ave		Placer	No	5	0	9/24/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787498	Certified	Category 2		58738	Sacramento	No	5	0	9/25/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787164	Certified	Category 2		58688	Sacramento	No	5	0	9/25/2012	Pipe structural problem/failure
SS	City of Sacramento Utilities CS	786672	Certified	Category 2	5020 34TH ST		Sacramento	No	5	0	9/26/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787695	Certified	Category 2		59108	Sacramento	No	5	0	10/1/2012	Root intrusion
SS	California State Prison, Sacramento	787210	Certified	Category 2	California State Prison Sacramento		Sacramento	No	5	0	10/13/2012	Debri-General
SS	Sacramento Area Sewer District CS	786750	Certified	Category 2		56872	Sacramento	No	4	0	9/1/2012	Other (specify below)
SS	Sacramento Area Sewer District CS	787306	Certified	Category 2		57322	Sacramento	No	4	0	9/9/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786784	Certified	Category 2		57559	Sacramento	No	4	0	9/11/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787143	Certified	Category 2		58428	Sacramento	No	4	0	9/21/2012	Operator error
SS	Sacramento Area Sewer District CS	787319	Certified	Category 2		59077	Sacramento	No	4	0	9/29/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786765	Certified	Category 2		57007	Sacramento	No	3	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786762	Certified	Category 2		57002	Sacramento	No	3	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786766	Certified	Category 2		57019	Sacramento	No	3	0	9/5/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786774	Certified	Category 2		57277	Sacramento	No	3	0	9/7/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786778	Certified	Category 2		57346	Sacramento	No	3	0	9/10/2012	Debri-General
SS	Sacramento Area Sewer District CS	787307	Certified	Category 2		57489	Sacramento	No	3	0	9/11/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787122	Certified	Category 2		57805	Sacramento	No	3	0	9/13/2012	Debri-General
SS	City of Stockton MUD CS	786211	Certified	Category 2	2546 Connecticut Av		San Joaquin	No	3	0	9/13/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787123	Certified	Category 2		57831	Sacramento	No	3	0	9/15/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786788	Certified	Category 2		57816	Sacramento	No	3	0	9/15/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787125	Certified	Category 2		57836	Sacramento	No	3	0	9/16/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787127	Certified	Category 2		57922	Sacramento	No	3	0	9/17/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787310	Certified	Category 2		57874	Sacramento	No	3	0	9/17/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787135	Certified	Category 2		58191	Sacramento	No	3	0	9/19/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787311	Certified	Category 2		58494	Sacramento	No	3	0	9/21/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787160	Certified	Category 2		58641	Sacramento	No	3	0	9/24/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787321	Certified	Category 2		59096	Sacramento	No	3	0	9/30/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787320	Certified	Category 2		59093	Sacramento	No	3	0	9/30/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787508	Certified	Category 2		59088	Sacramento	No	3	0	9/30/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786759	Certified	Category 2		56997	Sacramento	No	2	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786761	Certified	Category 2		56998	Sacramento	No	2	0	9/4/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786769	Certified	Category 2		57104	Sacramento	No	2	0	9/5/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786768	Certified	Category 2		57021	Sacramento	No	2	0	9/5/2012	Operator error
SS	Sacramento Area Sewer District CS	786783	Certified	Category 2		57430	Sacramento	No	2	0	9/10/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787120	Certified	Category 2		57561	Sacramento	No	2	0	9/11/2012	Root intrusion

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C. Discharge to a storm drainage that was not fully captured and returned to the sanitary sewer system.

Category 2: All discharges of sewage resulting from a failure in an Inmate's sanitary sewer system not meeting the definition of Category 1.

SSOs 1 September to 30 October 2012

Region	Collection System	Spill ID	Certification Status	Spill Type	Spill Location Name	County	Spill Reached Surface Waters	Total Spill Volume (gal)	Spill Volume that Reached Surface Waters (gal)	Start Date	Spill Cause
SS	Sacramento Area Sewer District CS	786787	Certified	Category 2	57813	Sacramento	No	2	0	9/14/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787308	Certified	Category 2	57810	Sacramento	No	2	0	9/14/2012	Other (specify below)
SS	Sacramento Area Sewer District CS	787131	Certified	Category 2	57957	Sacramento	No	2	0	9/17/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787493	Certified	Category 2	58074	Sacramento	No	2	0	9/18/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787136	Certified	Category 2	58251	Sacramento	No	2	0	9/19/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787134	Certified	Category 2	58166	Sacramento	No	2	0	9/19/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787494	Certified	Category 2	58331	Sacramento	No	2	0	9/21/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787151	Certified	Category 2	58544	Sacramento	No	2	0	9/22/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787147	Certified	Category 2	58519	Sacramento	No	2	0	9/22/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787148	Certified	Category 2	58520	Sacramento	No	2	0	9/22/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787155	Certified	Category 2	58548	Sacramento	No	2	0	9/23/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787156	Certified	Category 2	58549	Sacramento	No	2	0	9/23/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787157	Certified	Category 2	58550	Sacramento	No	2	0	9/23/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787161	Certified	Category 2	58643	Sacramento	No	2	0	9/24/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787159	Certified	Category 2	58640	Sacramento	No	2	0	9/24/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787313	Certified	Category 2	58870	Sacramento	No	2	0	9/26/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787318	Certified	Category 2	59071	Sacramento	No	2	0	9/29/2012	Root intrusion
SS	Modesto CS	786993	Certified	Category 2	Behind 805 Tully Rd in the Alley	Stanislaus	No	2	0	9/30/2012	Debri-Rags
SS	Sacramento Area Sewer District CS	787322	Certified	Category 2	59098	Sacramento	No	2	0	9/30/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787696	Certified	Category 2	59120	Sacramento	No	2	0	10/1/2012	Root intrusion
SS	Sacramento Area Sewer District CS	786772	Certified	Category 2	57233	Sacramento	No	1	0	9/7/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787490	Certified	Category 2	57330	Sacramento	No	1	0	9/9/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787491	Certified	Category 2	57387	Sacramento	No	1	0	9/10/2012	Operator error
SS	Sacramento Area Sewer District CS	786780	Certified	Category 2	57382	Sacramento	No	1	0	9/10/2012	Operator error
SS	Sacramento Area Sewer District CS	787121	Certified	Category 2	57723	Sacramento	No	1	0	9/13/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787132	Certified	Category 2	58013	Sacramento	No	1	0	9/18/2012	Debri-General
SS	Sacramento Area Sewer District CS	787139	Certified	Category 2	58283	Sacramento	No	1	0	9/19/2012	Other (specify below)
SS	Sacramento Area Sewer District CS	787495	Certified	Category 2	58335	Sacramento	No	1	0	9/21/2012	Operator error
SS	Sacramento Area Sewer District CS	787162	Certified	Category 2	58646	Sacramento	No	1	0	9/24/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787166	Certified	Category 2	58843	Sacramento	No	1	0	9/26/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787315	Certified	Category 2	58913	Sacramento	No	1	0	9/27/2012	Root intrusion
SS	Sacramento Area Sewer District CS	787317	Certified	Category 2	59026	Sacramento	No	1	0	9/28/2012	Root intrusion
SS	Yuba City CS	787489	Certified	Category 2	006-12	Sutter	No	1	0	10/19/2012	Debri-General

Category 1. All discharges of sewage resulting from a failure in an Inmate's sanitary sewer system that:

- A. Equal or exceed 2000 gallons; or
- B. Result in a discharge to a drainage channel and/or surface water; or
- C. Discharge to a storm drainage that was not fully captured and returned to the sanitary sewer system.

Category 2. All discharges of sewage resulting from a failure in an Inmate's sanitary sewer system not meeting the definition of Category 1.

FUTURE BOARD ACTIVITIES

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

January/February 2013 Meeting

- Irrigated Lands Waste Discharge Requirements Workshop
- California Olive Oil (New WDRs)
- City of Lamont WWTF (Update WDRs)
- City of Tulare WWTF (Update WDRs)
- EID Camino Heights WWTF (Revised WDRs)
- Guenoc Winery (WDR amendment)
- The Garlic Company (Update WDRS)
- County of Kern, Bena Landfill (WDR amendment)
- County of Kern, Taft Landfill (Revised WDRs)
- County of Fresno, American Avenue Landfill (Revised WDRs)
- City of Los Banos Landfill (WDR amendment)
- Sunsweet Dryer (New WDRs)
- Vendo Ground Water Remediation System (Permit Renewal)
- Wawona Packing Company (New)
- City of Oakdale WWTF (Revised WDRs)
- Prima Bella Produce (New WDRs)
- City of Red Bluff WWTP (NPDES Renewal)
- Yuba Co./Forbestown WTP (NPDES Renewal)
- Calaveras Trout Farm (NPDES Rescission, New GO Coverage)
- Irrigated Lands Waste Discharge Requirements Workshop
- Clean Harbors, Closure of Class II Waste Management Units (Revised WDRs)
- County of Kern, McFarland-Delano Landfill (Updated WDRs)
- County of Kern, China Grande Landfill (Updated WDRs)
- City of Tulare WWTF (Update WDRs)
- Panoche Energy LLC (New WDRs)
- Olam West Coast, Key Food Ingredients (Revised WDRs)
- Hume Lake Christian Camp (Revised WDRs)
- SWORLCO Land Application Site (WDR Revision)
- Grimmway Enterprises, Cal-Organic Plant (New WDRs)
- Olson Meat (New WDRs)
- Villa Toscano Winery (New WDRs)
- EID, El Dorado Hills WWTP (NPDES Permit Renewal)
- Mountain House CSD (NPDES Permit Renewal)
- Rio Vista Northwest WWTF (NPDES Amendment)
- Battle Creek Watershed Taskforce Report

April 2013 Board Meeting

- Ironhouse Sanitary District (Revised WDRs)
- Butte Sand and Gravel (Revised WDRs)
- City of Redding, Stillwater WWTP (NPDES Renewal)
- Bell Carter Olives, Plant 1 (NPDES Rescission)
- ISOT Geothermal (NPDES Rescission)
- The Garlic Company (New WDRS)
- City of Delhi WWTF (WDR Revision)
- Sun-Maid Growers Kingsburg Plant (WDR Revision)
- O'Neill Vitners Reedley Winery (WDR Revision)
- Sutter Home Winery (Revised WDRs)
- Darling International Rendering Plant (Revised WDRs)
- Delicato Vineyards (Revised WDRs)

- City of Colfax (NPDES Permit Renewal)
- City of Davis (NPDES Permit Renewal)
- Yuba City (NPDES Permit Renewal)
- CDCR Sierra Conservation Center Water Treatment Plant (NPDES Renewal)Cutler-Orosi WWTF (NPDES Renewal)
- Yosemite Natl. Park, Wawona WWTF (Permit Renewal)
- Berry Petroleum, Poso Creek Facility (Permit Renewal/Permit Revision based on Remand)
- A & P Growers Cooperative, (New WDRs)
- The Garlic Company (New WDRs) California Department of Forestry, Devils Garden Con Camp (Revised WDRs)
- California Department of Forestry, Valley View Con Camp (WDRs Rescission)
- California Department of Forestry, Devils Garden Con Camp (WDRs Rescission)
- Delicato Winery (WDR Revision)
- City of Tulare (WDR Revision)
- Battle Creek Watershed Taskforce Report

Pending actions, but not yet scheduled for a Board meeting

NPDES PERMITS

- Bakersfield Municipal Separate Storm Water Permit (Permit Renewal)
- Berry Petroleum, Poso Creek Facility (Permit Renewal/Permit Revision based on Remand)
- City of Fresno Municipal Separate Storm Water Permit (Permit Renewal)
- Mining Remedial Recovery Company, Mammoth Mine (Permit Renewal)
- Soper Company, Spanish Mine (Permit Revision)
- Tuolumne UD (Permit Revision based on Remand)
- City of Modesto (MS4 NPDES Permit - Development Standards Approval)
- Cities of Citrus Heights, Elk Grove, Folsom, Galt, Rancho Cordova, Sacramento, and County of Sacramento (MS4 NPDES Permit - Approval of the Hydromodification Plan)
- Southern California Edison, Balsam Meadow (Permit Renewal)
- City of Lodi White Slough Water Pollution Control Facility (Renewal)
- Sterling Caviar Elverta Facility (Renewal)
- Kinder Morgan Fox Rd GWTS (NPDES Renewal)
- City of Jackson (NPDES Renewal)
- Burney Forest Products Sawmill and Cogeneration (NPDES Rescission)
- Mineral WWTP (NPDES Revision)
- J.F. Shea, Fawndale Quarry (NPDES Revision)
- Bell Carter – Ind. Ponds (NPDES Revision)
- Lehigh Southwest Cement (NPDES Revision)
- City of Anderson WWTP (NPDES Revision)
- City of Shasta Lake WWTP (NPDES Revision)
- Crystal Creek Aggregate (NPDES Revision)
- SPI-Quincy (NPDES Revision)
- SWA Mtn. Gate (NPDES Revision)
- City of Stockton MS4 NPDES Permit (Permit Renewal)
- Port of Stockton (MS4 NPDES Permit – Storm Water Management Plan Approval)
- CalMat Co., Sand and Gravel Facility (NPDES Renewal)
- City of Visalia WWTF (NPDES Renewal)
- Mariposa PUD WWTF (NPDES Renewal)
- USDA Aquatic Weed Control Laboratory (NPDES Permit Rescission)
- City of Live Oak (NPDES Permit Amendment)
- Calaveras County Water District – Copper Cove WWTP (NPDES Permit Renewal)
- Meridian Beartrack Co, Royal Mountain King Mine (NPDES Renewal)

Land Discharge Waste Discharge Requirements

- A&P Growers COOP (New WDRs)
- Amador Water Agency Buckhorn WTP (Revised WDRs)
- ASV Winery, Kern Co. (WDR Revision)
- Baker Commodities Kerman Division (WDR Revision)
- City of Delhi WWTF (WDR Revision)
- City of Lathrop Crossroads WWTF (Revised WDRs)
- City of Mendota WWTF (WDR Revision)
- City of Newman WWTF (Revised WDRs)
- Douglas Flat/Vallecito WWTF (Revised WDRs)
- EJ Gallo Winery, Fresno (WDR Revision)
- Grasslands Bypass Project (WDR Revision)
- Irrigated Lands General Order for Dischargers in Coalition – East-side Lower San Joaquin (New)
- Irrigated Lands General Order for Dischargers in Coalition – Rice Growers in the Sacramento River Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – Sacramento River Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – San Joaquin County and Delta (New)
- Irrigated Lands General Order for Dischargers in Coalition – Tulare Lake Basin (New)
- Irrigated Lands General Order for Dischargers in Coalition – West-side Lower San Joaquin Watershed (New)
- Irrigated Lands General Order for Dischargers in Coalition – Westlands Water District (New)
- Irrigated Lands- General Order for Individually Regulated Dischargers (New)
- Lemoore WWTF (WDRs Update)
- Leprino Foods Company (WDR Revision)
- Napa Berryessa Resort Improvement District WWTF (Revised WDRs)
- Morningstar Packing Company (Revised WDRs)
- City of Lone (Revised WDRs)
- Lake Berryessa Resort Improvement District (Revised WDRs)
- Castle Oaks Water Recycling Plant (Amended WDRs)
- O'Neill Vitners Reedley Winery (WDR Revision)
- Paramount Farms Kings Facility (WDR Revision)
- Sun-Maid Growers Kingsburg Plant (WDR Revision)
- The Garlic Company (Update WDRS)
- The Wine Group Franzia Winery Sanger (WDR Revision)
- Rancho Sol Tierra (New WDRs)
- Redding Power (Revised WDRs)
- Compost Solutions (Revised WDRs)
- Jack Spence, Inc. (New WDRs)
- Kiara Solar (New WDRs)