

California Regional Water Quality Control Board  
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT  
December 5-6, 2013

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## SUCCESS STORIES

- 1. Settlement Agreement and Stipulation for entry of ACL Order issued to Equilon Enterprises LLC, Bakersfield Refinery, 6451 Rosedale Highway, Bakersfield, Kern County**  
In November 2013, the Assistant Executive Officer issued Administrative Civil Liability Order R5-2013-0585 (ACLO) in the amount of \$500,000 for violations of Cleanup and Abatement Order R5-2007-0728. The violations relate to submittal of reports and assessment/evaluation of site conditions required by the CAO. The ACLO stipulates that Equilon will pay \$250,000 to the State Water Resources Control Board Cleanup and Abatement Account. The ACLO also stipulates that Equilon will pay \$250,000 for Supplementary Environmental Projects; \$150,000 to the West Goshen Mutual Water Company (EJ community) for connection of the system to a nearby water system and \$100,000 to the Kern River Corridor Endowment for re-establishment of native vegetation along the Kern River.
- 2. ACL Order issued to the Town of Discovery Bay Community Services District, Discovery Bay Wastewater Treatment Plant, Contra Costa County**  
On 13 September 2013, the Assistant Executive Officer issued ACLO R5-2013-0581 for Mandatory Minimum Penalties in the amount of \$54,000 for violations of effluent limitations from the Discovery Bay wastewater treatment plant. The effluent violations for electrical conductivity and total coliform occurred between 1 March 2011 and 30 April 2013. The Order suspends \$34,500 of the penalty amount pending completion of a Supplemental Environmental Project to research the removal of trace organic compounds at the Discovery Bay pilot wetlands, and requires payment of \$19,500.
- 3. ACL Order issued to the City of Williams, Wastewater Treatment Plant, Colusa County**  
On 13 September 2103, the Assistant Executive Officer issued ACLO R5-2013-0580 for Mandatory Minimum Penalties in the amount of \$3,000 for violations of effluent limitations from the Williams wastewater treatment plant. The effluent violations for total coliform and aluminum occurred between 1 April 2012 and 30 April 2013. The Williams wastewater treatment plant serves a small community with a financial hardship, and therefore the Order allows the penalty to be credited towards a compliance project to make repairs to the tertiary filter system and to provide onsite training to staff to optimize filter operations.
- 4. ACL Order issued to the City of Colfax, Wastewater Treatment Plant, Placer County**  
On 1 October 2013, the Assistant Executive Officer issued ACLO R5-2013-0582 for Mandatory Minimum Penalties in the amount of \$27,000 for violations of effluent limitations from the Colfax wastewater treatment plant. The effluent violations for ammonia and aluminum occurred between 1 October 2012 and 31 May 2013. The Colfax wastewater treatment plant serves a small community with a financial hardship, and therefore the Order allows the penalty to be credited towards a compliance project to rehabilitate private sewer laterals.
- 5. No Further Action Required, Best Cash and Carry, 1550 E Street, Fresno, Fresno County**  
A no further action determination was issued on 30 September 2013 for the Best Cash and Carry site, 1550 E Street, Fresno, Fresno County. Low concentrations of tetrachloroethene were found in soil gas beneath the site during a preliminary site assessment. The lateral and vertical extent of impacts to soil and soil gas were delineated in a series of assessments of soil and soilgas. Tetrachloroethene was not detected in a groundwater sample collected at the site. The consultant, Environmental Audit, Inc., stated in a closure report (and staff concur) that the negligible amount of tetrachloroethene remaining in soil does not pose a significant threat to human health, groundwater, or the environment.
- 6. No Further Action Required, Caltrans Property, H Street and Highway 180, Fresno, Fresno County**  
A no further action determination was issued on 31 October 2013 for a vacant parcel owned by Caltrans at H Street and Highway 99, in Fresno. Heavy petroleum hydrocarbons were discovered in soil in an area of 15 feet by 25 feet during an excavation prior to construction of Highway 180 improvements. Approximately 1,560 yards of soil was excavated. Based on data from confirmation soil borings, the consultant concluded (and staff concur) that remaining impacts to soil did not pose a threat to groundwater quality or human health.
- 7. No Further Action Required, ABS Connection, San Joaquin, Fresno County**  
A no further action determination was issued on 22 October 2013 for ABS Connection at 19493, 19495, and 19497 W. Floral Avenue, San Joaquin, Fresno County. Impacts to soil from aboveground and underground storage tanks were discovered in 2003 during a Phase I assessment. Remaining storage tanks at the site were removed from the site. Impacted soil was excavated and properly disposed of

offsite. Confirmation samples indicated that remaining petroleum hydrocarbon concentrations were below site cleanup levels.

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

Following are sites where Board staff concluded that residual hydrocarbons do not pose a threat to human health and safety or anticipated future beneficial uses of water. Investigation and remediation work, therefore, may be discontinued and no further action is required. This decision is based on site-specific information provided by the responsible party, and assumes that the information provided was accurate and representative of site conditions. Upon completion of corrective action, §2728(d)(2) of Title 23 of the California Code of Regulations requires public notification that corrective action has been completed and the regulatory agency does not intend to require additional investigation and cleanup. This document serves to provide public notification for the completion of corrective actions.

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

**a) FRESNO OFFICE**

**Fresno County**

- **Former Curb Service, 265 North Valentine Avenue, Fresno**

During removal of two USTs from the site in 1991, a gasoline release was discovered. Subsequent investigations found impacts to groundwater. Soil vapor extraction performed between 2005 and 2007 removed approximately 2,200 pounds (~350 gallons) of gasoline. During the last sampling events in April 2011 and June 2012, no gasoline was detected in groundwater. The case does not meet the General Criteria of the Low-Threat Underground Storage Tank Case Closure Policy because it is not within a public water system, but meets all the other General and Media Specific Criteria. The site was closed on 11 September 2011.

**Kern County**

- **Former Lucky 7 #3, 726 South Union Avenue, Bakersfield**

A gasoline release from the UST system was discovered during 1994. After an investigation was performed, Kern County closed the site in 1999. However, analyses for MTBE had not been performed on any soil samples, and low concentrations of MTBE were detected in a nearby municipal well. The County referred the case to the Central Valley Water Board in 2002. Additional assessment found significant concentrations of gasoline in soil. About 51,000 pounds (~8,200 gallons) were removed by soil vapor extraction between 2008 and 2012. Low concentrations of gasoline were initially detected during groundwater monitoring, but were not detected between 2009 and 2012. The case was closed on 10 September 2013.

- **Kern County Fire Station 61, 6400 Fruitvale Avenue, Bakersfield**

A release of diesel fuel was discovered during a 2007 UST system removal. The case was referred to the Central Valley Water Board during 2011. Investigations determined that the release was of limited vertical extent and low hydrocarbon mass, and did not affect groundwater. Less than 1,000 pounds (~160 gallons) of hydrocarbons are estimated to remain in soil. The case meets the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 10 September 2013.

**Tulare County**

- **Baldwin Ranch Property, 5001 Road 184, Earlimart**

A gasoline release from the UST system was discovered during 1989. An investigation to determine the extent and distribution was conducted and groundwater monitoring was performed from 1991 to 2012. Soil vapor extraction, was conducted between 1991 and 1998, and again between 2010 and 2012, removed about 33,000 pounds (~5,300 gallons) of gasoline. An estimated 8,700 pounds (~1,400 gallons) remain under the Site. The residual groundwater plume was determined to be stable and decreasing, and water quality goals should be achieved by natural degradation. The case was closed on 11 September 2013.

**b) REDDING OFFICE**

## **Butte County**

- **Western Petroleum Marketers, 5725 Clark Road, Paradise**  
In August 2000 soil contamination was discovered during UST removal activities. A Preliminary Site Assessment was conducted in December 2000 and revealed groundwater impacts beneath the site. Site assessment and remedial activities occurred from 2002 until 2012. A number of technologies were implemented at the site to removal pollutant mass from the subsurface including: free product collection system, air sparging, and 2 in-situ chemical oxidation (ISCO) via ozone gas injection. At the time of closure dissolved phase concentrations in all onsite wells met or slightly exceeded state water quality objectives (WQOs). This case meets the LTCP and was closed in August 2013.
- **North Valley Electric, 1290 Highway 99, Gridley**  
In November 1990 the discharger removed a 1,000-gallon gasoline UST. During UST removal activities, soil and groundwater hydrocarbon impacts were discovered. Subsequent investigations indicated that soil and groundwater contamination exists only in the immediate area of the former UST as TPHg and BTEX. In May 2013 a groundwater sample was collected from an agricultural well located 50 feet from the source area and had no detectable pollution. This site is a low-threat to human health and the environment and therefore this case was closed in September 2013.

## **Modoc County**

- **Chevron SS Alturas, 1080 North Main Street, Alturas**  
In November 1986, the gasoline UST was reported to be gaining product volume. An investigation revealed that groundwater was leaking into the tank. Subsequent investigations indicated soil and groundwater were impacted by gasoline constituents. In 1988 all site USTs (two 10,000 gallon gasoline, one 5,000 gallon gasoline, one 1,000 gallon heating oil, and one 1,000 gallon waste oil UST) dispensers, and associated piping were removed and replaced with upgraded USTs, dispensers and piping. Between 1986 and 2012, 21 monitoring wells were installed at the site. Pollution was remediated via soil over-excavation, groundwater pump and treat, dual phase extraction, surfactant flushing, oxygen injection, and natural degradation processes. The Discharger estimates that 268 pounds (~40 gallons) of pollutant mass were removed by these remedial efforts. The case was issued a No Further Action Required letter in August 2013.

## **Plumas County**

- **Former Wesley's Exxon Station, 216 Sierra Street, Portola**  
In August 1995 soil and groundwater contamination was discovered during site investigation activities. . Following discovery of soil contamination about 120 cubic yards of contaminated soils were removed from the site. Between 1995 and 2012 eight monitoring wells and numerous soil borings were installed to delineate pollution extend and monitor groundwater conditions. Dual Phase Extraction (DPE) remedial activities were conducted at the site between 2008 and 2011, removing about 4,094 pounds (~660 gallons) of petroleum pollutants. This case meets the LTCP and was close in July 2013.
- **Quincy Body Shop, 289 Crescent Street, Quincy**  
In 1995, Allied Washoe removed an underground heating oil tank associated with the former Quincy Body Shop. Plumas County Department of Environmental Health (PCDEH) documented gasoline pollution in soil at the UST removal site. In July 1996 Allied Washoe performed a preliminary site assessment in the area of the bulk fuel plant loading rack (about 50 feet away from the former UST). This investigation encountered significant gasoline pollution in soil and groundwater, including free phase gasoline upon groundwater. Pollution encountered in the area of the UST removal was likely related to the bulk fuel plant release, and not related to the heating oil UST. This conclusion was made based on only gasoline constituents being detected during UST removal and only kerosene being stored in the UST. Clean-up and Abatement Order R5-2007-0705 was issued to Allied Washoe Petroleum to investigate and clean-up these wastes at the Allied Washoe Bulk Fuel Plant. The Quincy Body Shop UST case was issued a No Further Action Required letter in August 2013.
- **Plumas Pines Golf Course, 402 Poplar Valley Road, Blairsden**  
In November 2000, the discharger removed the USTs without a permit. During UST removal activities, soil and groundwater contamination was discovered. Four soil borings were installed in 2012 to

characterize residual petroleum impacts in soil and groundwater and four monitoring wells were installed to delineate the extent of pollution in groundwater. After three quarters of monitoring, data showed dissolved phase concentrations in all onsite wells met or slightly exceeded state WQOs. This case meets the LTCP and was closed in August 2013.

- **Mohawk Trading Post, 417 Crescent Street, Greenville**

In June 2006 Phase I and II investigations were conducted at this site and soil and groundwater contamination was discovered. Subsequently the USTs were removed in December 2006. A soil vapor extraction (SVE) and in-situ chemical oxidation (ISCO) remediation system operated from February 2010 until September 2011. About 560 tons of contaminated soil was excavated during UST removal activities and 330 pounds (~50 gallons) of petroleum hydrocarbons were removed using SVE. The dissolved contaminated mass (BTEX and TPHg) removed from the site is about 34 pounds (~5 gallons). Residual soil and groundwater contamination remains at the site; the pollutant plume appears stable and likely will continue to degrade by natural processes. This case was closed in August 2013.

### **Shasta County**

- **Former Miracle Mile Mercantile, 493 North Market Street, Redding**

In 2012 during onsite building demolition activities an 8-inch diameter steel well was encountered. Further assessment of this well indicated the presence of 1.25 inches of LNAPL and dissolved phase petroleum hydrocarbons as heating oil.. From 2012 and 2013 site characterization activities included a sensitive receptor survey, geophysical surveys, test pit excavations, confirmation soil sampling, installation of temporary monitoring wells, and groundwater sampling. Site characterization activity results indicated that pollution beneath the site was limited to the groundwater within the 8-inch steel well. The well was properly abandoned. This case meets the LTCP and was closed in August 2013.

- **Speedy Gas Service Station, 2026 Eureka Way, Redding**

In March 2008 soil and groundwater contamination was discovered during UST system upgrade activities. Site assessment and remedial activities included excavation of 1,000 tons of soil and 11,000 gallons of petroleum hydrocarbon contaminated water removing about 158 pounds (~25 gallons) of petroleum hydrocarbon contamination from the site. Five monitoring wells were installed and sampled to delineate pollution extent and monitor groundwater conditions. After five quarters of monitoring dissolved phase concentration in all onsite wells met or slightly exceeded state WQOs. This case meets the LTCP and was closed in July 2013.

- **Kaupangers Country Store, 24545 Highway 89, Burney**

In November 1998, three gasoline USTs were removed from the site during decommissioning of the service station. Soil and groundwater confirmation samples collected from the UST excavation indicated impact of gasoline constituents to soil and groundwater. Between 1999 and 2005, ten groundwater monitoring wells were installed at the site. Pollution was remediated by soil excavation, and soil vapor extraction. The Discharger estimates that 1,500 pounds (~240 gallons) of TPHg were removed by these efforts. This case meets the LTCP and was closed in March 2013.

- **Former Texaco Station #21-1186, 800 East Cypress Avenue, Redding**

In November 1986, soil and groundwater contamination was discovered during an initial site assessment investigation. As a result, eleven groundwater monitoring wells and one recovery well were installed. A groundwater extraction and treatment system operated at the site from January 1989 until May 1992. In May 1992, the building, USTs and associated piping were removed. During this time, about 9,100 cubic yards of contaminated soil was removed. The case was originally closed 1996.

The case was re-opened in 2007 after SBC (now AT&T) requested support from the Central Valley Water Board regarding petroleum-impacted manhole structures. Central Valley Water Board staff collected water samples from the manholes structures along Cypress Avenue in March 2013. Sampling results indicated the adjacent site Hilltop Gas Case #450239 was likely the main contributor to contamination in the AT&T structures. This case was closed in August 2013.

- **Industrial Electric Service, 19788 Ox Yoke, Anderson**

A December 2001 Phase II Environmental Site Assessment indicated that petroleum hydrocarbons were reported in water samples collected from an onsite wastewater holding tank. As this treated wastewater was periodically discharged to the environment, in 2002, staff requested that options be explored for

further treatment of the wastewater. In March 2013 Regional Board staff (staff) issued a Draft 13267 Order in March of 2013 to obtain data necessary for case closure. Upon receipt of the draft order, the owner indicated that the property had been purchased in December 2009 after a Phase II ESA was completed in August 2009. The Phase II ESA results indicated no environmental impacts and operational changes to the wastewater treatment system were made in response to the 2002 staff request. This case was closed in July of 2013.

- **Ono Store, 11851 Platina Road, Redding**

In 2004, the Shasta County Department of Environmental Health requested a site investigation to determine the presence or absence of USTs and any associated subsurface contamination. In May 2006, an onsite investigation determined the former USTs had been removed from the site and hydrocarbon impacted soils were present beneath the site. Approximately 76 cubic yards of soil were removed from the site. Confirmation soil samples reported minor residual pollution in the bottom of the excavation. Groundwater was not encountered during the investigation and it is unlikely residual pollution has impacted groundwater. This case was closed in October 2013.

- **Western Power Administration, 1545 Beltline Road, Redding**

In 1996, one gasoline, one diesel, and one waste oil USTs were abandoned at the site under Shasta County Department of Environmental Health Department permit. During removal activities soil contamination was encountered in the vicinity of the waste oil tank and about 15 tons of impacted soils were removed and disposed of offsite. Confirmation soil samples reported minor residual pollution in soil samples collected from the bottom of the gasoline and diesel UST excavations. Groundwater was not encountered during the investigation and it is unlikely residual pollution has impacted underlying groundwater. . This case was closed in October 2013.

- **United States Bureau of Reclamation, 16349 Shasta Dam Boulevard, Shasta Lake**

In July 1991, two gasoline and one diesel USTs were removed from the site under Shasta County Department of Environmental Health Department permit. During removal activities soil contamination was encountered and an unknown volume of soil was excavated, stockpiled and aerated onsite. Confirmation soil samples reported minor residual contamination in the bottom of the diesel UST excavation. Groundwater was not encountered during the investigation and it is unlikely residual pollution has impacted underlying groundwater. This case was closed in October 2013.

- **KRCR TV, 755 Auditorium Drive, Redding**

In January 1994, one diesel UST was removed from the site under Shasta County Department of Environmental Health Department permit. During removal activities soil contamination was encountered in the vicinity of the UST and an unknown volume of impacted soils was removed and disposed of offsite. Confirmation soil samples did not report any residual petroleum hydrocarbon pollution in the bottom of the excavation. Groundwater was not encountered during excavation activities. This case was closed in October 2013.

### **Tehama County**

- **Proberta Garage, 23240 Flores Avenue, Proberta**

In December 2005, two 800-gallons and one 200-gallon USTs were removed from the site during decommissioning of the service station. Soil confirmation samples collected under the USTs contained gasoline constituents. Polluted soil was over-excavated, and four groundwater monitoring wells were installed. Groundwater monitoring data indicate pollutant concentrations declined appreciably following source removal. The Discharger estimates that approximately 150 pounds (~24 gallons) of pollutant mass was removed from the site. The case was issued a No Further Action letter in July 2013.

c) **SACRAMENTO OFFICE**

### **Amador County**

- **Petkovich Park (Former Standard Oil Service Station), 16 Water Street, Jackson**

The site was a former Standard Oil service station that previously operated at the park location located at 16 Water Street from the 1930's to 1970. The release was discovered through investigation at an adjacent UST site in February 2011. A series of detailed site investigations were carried out from 2011 to 2012 that included an electromagnetic and gravity survey of the site, soil borings with soil sampling,

installation of three groundwater monitoring wells. Monitoring of groundwater for approximately one year indicated decreasing contaminant concentration trends. The site meets all of the State Boards Low Threat Closure Policy criteria, with exception to its proximity to Jackson Creek. Case was closed 30 September 2013.

### **Contra Costa County**

- **Pantell's Music Box, 407 G Street, Antioch**

In January 1986, soil contamination was detected during UST removal. The site is currently developed with a commercial building and parking lot, and future land use is not expected to change. Remedial actions included limited soil excavation, soil vapor extraction, and air sparging, which removed an estimated 22,620 pounds (3,770 gallons) of petroleum hydrocarbons. Less than 6 pounds (1 gallon) of petroleum hydrocarbons remain in groundwater and the residual groundwater concentrations are expected to degrade below water quality objectives by 2027. The Site appeared to meet the Low Threat Closure Policy and was closed on 15 October 2013.

### **Placer County**

- **Tom Sierra Bulk Plant, 133 Borland Avenue, Auburn**

Between November 1995 and July 2000, three 12,000-gallon USTs, two ASTs, a 4,000-gallon UST, a 250-gallon UST and all associated product piping were removed from the Site. About 880-gallons of petroleum fuel were removed from the subsurface, less than 11 gallons are estimated to remain in groundwater, and the residual petroleum constituents are expected to attenuate below WQO within 10 years. A perennial unnamed stream is located about 175 feet downgradient. TPH-d was detected in the stream during 2 of 19 sampling events; however, TPH-d was also detected in the up-stream samples collected during these sampling events. The site was closed on 16 September 2013.

- **Toms Sierra Company Inc., 851 High Street, Auburn**

In September 1988, petroleum fuel was observed in soil around the site's UST fill risers. The Site's entire UST system and about 740 pounds (118 gallons) of petroleum were removed from the Site, and less than a gallon of petroleum is estimated to remain in groundwater. The extent of groundwater impacted by petroleum is well defined, stable and decreasing in concentrations, and is expected to reach WQOs within five years. The results of a human health risk assessment show that the residual petroleum in shallow soil and soil gas is unlikely to pose a threat to human health.. The site was closed on 16 September 2013.

- **Shell Service Station, 21 Whyte Avenue, Roseville**

In 2002 Shell installed four groundwater wells and discovered that an unauthorized fuel release had occurred. Shell conducted soil vapor extraction and groundwater extraction, removing about 940 pounds (~150 gallons) of petroleum fuel. The residual petroleum plume associated with the Shell Site is part of a commingled plume from another release at the former Exxon at 8660 Auburn Blvd in Roseville, case # 310081 closed 26 July 2013. The groundwater sampling record from both sites shows that the residual pollution is adequately defined and stable. The site was closed on 18 October 2013.

### **Sacramento County**

- **Sacramento Bee Property, 1801 21<sup>st</sup> Street (2100 Q Street), Sacramento**

In 1991, a bunker fuel release was discovered during removal of one 17,000 gallon concrete UST and one 9,000 gallon redwood UST. The USTs were believed to have been installed in the early 1900s. The UST pit was over-excavated and approximately 6,100 yd<sup>3</sup> of soil was disposed of offsite. Approximately 444 gallons of free product was removed using absorbent socks. A heat assisted skimming pilot test removed about 61.2 gallons of free product. A stable plume of an estimated 25,600 to 41,300 gallons of free product continues to be detected and is expected to remain for decades to hundreds of years. However, no dissolved components are detectable in the GW below the free product. Deed restrictions were recorded for the parcels that overly the residual free product. The site was closed on 26 June 2013.

- **Former Consolidated Freightways Facility (City of Sacramento North Corporation Yard), 918 Del Paso Road, Sacramento**

In January 1987, a diesel fuel release from a corroded product line was discovered during tank testing. The former fueling area consisted of three 40,000 gallon diesel USTs, one 10,000 gallon motor oil UST, one 10,000 gallon anti-freeze UST, and one 1,000 gallon waste antifreeze UST, all USTs have been removed. An estimated 89,548 pounds (11,708 gallons) of petroleum hydrocarbons were removed by excavation. Thirty-six monitoring wells were installed and groundwater impacts were observed to be naturally decreasing. There was an estimated remaining mass of 27,800 pounds (3,620 gallons) of petroleum hydrocarbons and water quality objectives should be reached in about 4 years. The site was closed on 25 June 2013.

- **Former Ferg's Market, 3735 47<sup>th</sup> Avenue, Sacramento**

In January 1998, MTBE was detected at 14 ug/L in Fruitridge Vista Water Company (FVWC) well 11, 400 feet south of the Site. FVWC Well 11 was removed from service in January 1998 and destroyed in February 2012. In August 1999, soil contamination was detected during UST removal and station demolition. The site is currently a vacant lot, zoned commercial. Remedial actions including soil excavation, soil vapor extraction, and groundwater extraction removed an estimated 10,215 pounds (1,459 gallons) of petroleum hydrocarbons. Additional petroleum hydrocarbons were removed by ozone injection, and air sparging. Groundwater impacts were observed to be stable to naturally decreasing. The Site meets the Low Threat Closure Policy, and water quality objectives should be reached in about 100 years. The site was closed on 22 October 2013.

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

#### **Sacramento County**

- Tower Mart #872, 4430 Auburn Boulevard, Sacramento
- Carmichael Post Office, 6929 Fai Oaks Boulevard, Carmichael
- Former BP Service Station #11179, 3031 P Street, Sacramento
- Bonfare Market, 2600 Rio Linda Boulevard., Sacramento
- State Printing Plant, 344 North 7<sup>th</sup> Street, Sacramento

#### **San Joaquin County**

- ARCO #2133, 2908 West Benjamin Holt Drive, Stockton
- ARCO #2186, 3212 North California Street, Stockton
- Boyd Service Center, 560 Tracy Boulevard, Tracy
- Cage n' Play, 68 East 11<sup>th</sup> Street, Tracy
- Chevron Station 9-4275, 2905 West Benjamin Holt Drive, Stockton
- City of Tracy/Delta Disposal, 99 West 6<sup>th</sup> Street, Tracy
- Den's Auto Repair, 308 South El Dorado Street, Stockton
- Former Moore Petroleum, 5491 F Street, Banta
- Marci Property, 2969 Loomis Road, Stockton
- Raymond Investment Corporation, 730 East Channel Street, Stockton
- Sanchez Property, 1876 Country Club Boulevard, Stockton
- Shockley Trucking, 850 Milgeo Road, Ripon

**STAFF RECOGNITION  
SUPERIOR ACCOMPLISHMENT AWARDS**

At the October 4 Board Meeting, Executive Officer Pamela Creedon presented superior accomplishment award to:

**Candidate:** Bryan Smith  
**Unit:** North Regulatory Unit  
**Title:** Senior WRC Engineer, Redding  
**Supervisor:** Clint Snyder

Bryan Smith is a Supervising WRCE in the Redding office of the Central Valley Water Board. Bryan joined the Water Board in 2000 and was promoted to Senior WRCE of Redding's North Regulatory Unit (NPDES/Non-15 Programs) in December 2005. Due to an untimely vacancy, Bryan was asked to also manage Redding's South Regulatory Unit (again NPDES/Non-15 Programs) in March 2007, which he held until the position was filled in September 2008. During this period, Bryan quickly gained an office-wide reputation as a knowledgeable, thoughtful, and highly respected leader steering many controversial case scenarios and permits to completion.

In December 2009, when Jim Pedri, former AEO of the Redding office retired, Bryan again stepped up to the plate and served as a point of consistency and direction until the new AEO, Robert Crandall, was hired in February 2010. At that time Bryan worked diligently to make sure Mr. Crandall was apprised of the Water Board's administrative processes and the many controversial issues involving Redding office cases.

Bryan was promoted to his current Supervising WRCE position in January 2011. As the only Supervising WRCE in the Redding office, Bryan's responsibilities included a myriad of tasks. Throughout 2011, Bryan experienced what anyone would consider a significant learning curve. Not only was he entrenched in adjusting to his new role, but also becoming familiar with two new programs as the Central Valley Water Board's Storm Water and Water Quality Certs Program Manager. All this in addition to his continuation of informal role as Senior WRCE of the North Regulatory Unit due to an inability to immediately backfill this position.

In December 2012 Mr. Crandall retired and in February 2013, Clint Snyder was promoted to AEO in Redding. Again, Bryan was instrumental in getting the new AEO up to speed on key issues and administrative processes. As the new AEO, Mr. Snyder values his judgment and appreciates his willingness to accept any new responsibility assigned to him.

Throughout all of his time in the Redding office Bryan has maintained the highest level of professionalism and dedication. His dedication has made a huge difference in the stability of the office during all of these transitions.

Staff values his opinion and regularly look to him for guidance. His contribution to the Redding office and the Central Valley Water Board cannot be overstated.

## PERFORMANCE TARGETS

Performance measurement and reporting is an important component of a complete system of performance management needed to demonstrate how well programs or strategies are working and why. Information obtained through better performance measurement and program evaluation provides insight that enables us to understand and replicate successes, and continuously improve programs. To this end, the Water Boards establish annual performance targets for key output measures. In effect, these targets are goals that establish measurable levels of performance to be achieved within a specified time period. The Water Board has a systematic target setting approach for several of its programs. Using this new method, performance targets are based on available resources and uniform cost factors for key workload outputs. This target setting approach is described in the link below and was used to develop the FY 2013-2014 performance targets [http://www.waterboards.ca.gov/about\\_us/docs/resource\\_alignment\\_report.pdf](http://www.waterboards.ca.gov/about_us/docs/resource_alignment_report.pdf)

Region 5 Performance Measurement Summary from 1 July 2013 to 15 November 2013				
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Comments
<b>NPDES Wastewater</b>				
Major Individual Permits Issued, Revised and Renewed	9	4	44%	Currently on track to meet performance measure.
Major Individual Permits Inspections	55	8	15%	Target reflects contract help from EPA that is no longer available. Staff are otherwise on target.
Minor Individual Permits Issued, Revised and Renewed	19	4	21%	There is concern that this performance measure may not be fully met. One contributing factor is that several minor facilities no longer need NPDES permits for various reasons. Permits for these facilities will be rescinded instead of renewed. Rescissions reduce the backlog, but will not be counted towards achieving this measure.
Minor Individual Inspections	17	3	18%	Target reflects contract help from EPA that is no longer available. Staff are otherwise on target.
Minor General Enrollees Inspections	0	0	0%	
<b>Waste Discharge to Land – Wastewater</b>				
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	7	19%	The anticipated target for the fiscal year will be met.
Municipal Waste Facilities Inspections	100	43	43%	
Industrial Waste Facilities Inspections	60	21	35%	
All Other Facilities Inspections	14	1	7%	The anticipated target for the fiscal year will be met.
<b>Land Disposal</b>				
Landfills Permits Issued, Revised and Renewed	9	1	11%	Additional Title 27 permits are nearing completion and will be accounted for in the coming months.
Landfills Inspections	73	30	41%	
All Other Permits Issued, Revised and Renewed	5	0	0%	Additional Title 27 permits are nearing completion and will be accounted for in the coming months.
All Other Inspections	48	13	27%	
<b>NPDES Storm Water</b>				
Stormwater Construction Inspections	385	123	32%	
Stormwater Industrial Inspections	195	91	47%	
Stormwater Municipal Inspections	5	1	20%	Inspections are scheduled; staff time has been reallocated to conduct stakeholder discussions for developing a region-wide municipal storm water permit. The final target should be met by the end of the fiscal year.
<b>Other Programs</b>				
Timber Harvest Inspections	120	83	69%	Data through 11/20/13.
Confined Animal Facility Inspections (Dairies)	350	5	1%	Complete data-set was unavailable at time of EO Report production due to complexity in accounting; actual inspection number is likely higher.
<b>Clean Up</b>				
New DoD Sites Into Active Remediation	63	10	16%	Progress at DoD sites may be lower than expected due to federal funding reductions. [Data through 11/20/13.]
New SCP Sites Into Active Remediation	36	24	67%	Data through 11/20/13.
Cleanup Program Sites Projected Closed	140	26	19%	Progress at DoD sites may be lower than expected due to federal funding reductions. [Data through 11/20/13.]
New UST Sites Into Active Remediation	45	20	44%	
Underground Storage Tank Sites Projected Closed	105	51	49%	
* Actuals: Number of facilities inspected or permits issued.				
** Total #: Number of inspections completed including all re-inspections.				

## **NEW! The California Water Boards' Annual Performance Report - Fiscal Year 2012-13**

The State Water Resources Control Board released the fifth 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 24,000 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 2012-13.

[http://www.waterboards.ca.gov/about\\_us/performance\\_report\\_1213/](http://www.waterboards.ca.gov/about_us/performance_report_1213/)

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; threats to groundwater and surface waters from Irrigated Lands and Confined Animal Feeding Operations facilities; compliance with existing enforcement orders; and timely submittal of complete monitoring reports.

[http://www.waterboards.ca.gov/about\\_us/performance\\_report\\_1213/targets/71125\\_targets\\_rb5.shtml](http://www.waterboards.ca.gov/about_us/performance_report_1213/targets/71125_targets_rb5.shtml)

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.

## Enforcement Update

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

- 48 Notices of Violations
- 50 Staff Enforcement Letters
- 30 2<sup>nd</sup> Notice of Noncompliance Reports; and,
- 1 Time Schedule Order

In addition staff issued monetary penalty actions in the form of 38 *Administrative Civil Liabilities* for a total of \$1,112,000 in liabilities. From a statewide perspective, Region 5 was responsible for approximately 40% of the total actions in the core regulatory programs this period.

California Integrated Water Quality System Project (CIWQS)														
ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION														
Here is your Customized Enforcement Actions by Region/Program/Action Report!														
<a href="#">[VIEW PRINTER FRIENDLY VERSION]</a> <a href="#">[EXPORT THIS REPORT TO EXCEL]</a>														
SEARCH CRITERIA: <a href="#">[REFINE SEARCH]</a>														
Status (Active,Historical,Withdrawn) Occurred on or after 08/31/2013 Occurred on or before 10/31/2013														
RB OFFICE	13267	1st_NNC	2nd_NNC	ACL	CAO	EPL	NNC	NOV	NTC	SEL	TSO	UNK	VER	TOTAL*
1	1	0	0	0	1	0	0	3	0	0	0	0	0	5
2	0	0	0	4	0	1	0	1	0	1	0	1	1	9
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	2	0	0	5	0	11	3	70	23	8	1	0	0	123
5F	0	0	2	0	0	0	0	19	0	41	0	0	3	65
5R	0	7	0	15	0	0	1	4	0	7	0	0	5	39
5S	0	49	28	23	0	0	0	25	0	2	1	0	8	136
6T	0	0	0	0	1	0	0	0	0	0	0	0	5	6
6V	0	0	0	0	1	0	0	3	0	2	0	0	6	12
7	0	0	0	1	0	0	0	4	0	0	0	0	0	5
8	1	39	52	0	0	0	21	0	0	3	0	0	26	142
9	0	0	0	1	1	0	0	2	0	39	0	0	11	54
<b>STATEWIDE*</b>	<b>4</b>	<b>95</b>	<b>82</b>	<b>49</b>	<b>4</b>	<b>12</b>	<b>25</b>	<b>131</b>	<b>23</b>	<b>103</b>	<b>2</b>	<b>1</b>	<b>65</b>	<b>596</b>
<b>ENFORCEMENT ACTION LOOKUP:</b>														
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				
EPL = Expedited Payment Letter					NNC = Notice of Stormwater Noncomp					NOV = Notice of Violation				
NTC = Notice to Comply					SEL = Staff Enforcement Letter					TSO = Time Schedule Order				
UNK = Unknown					VER = Oral Communication					VER = Verbal Communication				
* Columns or Rows count distinct instances of Enforcement Actions.														

## COMPLIANCE AND ENFORCEMENT

### 1. Hilmar Cheese Effluent Violations, Merced County

Hilmar Cheese Co. recently completed construction of an upgrade to its wastewater treatment plant, adding an aerobic digester for additional treatment and energy recovery. Testing and refinement of treatment processes continues. Hilmar Cheese had some startup difficulties which resulted in exceedances of its BOD effluent limits earlier this year, which it self-reported. Staff issued an NOV (5 Sept), requiring the identification of solutions to Hilmar Cheese's effluent problems and more frequent reporting, as well as steps to address recent odor complaints. Hilmar has complied. The most recent monitoring report indicates Hilmar Cheese is now meeting its effluent limits and has added an active odor control measure.

### 2. Bakersfield Treatment Facility #2, Kern County

Several Kern County residents lodged a complaint with U. S. EPA regarding on-going odor and dust/haze issues, as well as perceived health impacts, associated with sludge treatment and spreading at Bakersfield Wastewater Treatment Facility #2, in southeast Bakersfield. Their complaint refers to Mt. Vernon Composting, where the Bakersfield plant's wastewater sludge is composted by mixing it with local green waste. It seems the residents felt they did not receive proper response to prior complaints. Environmental Health staff report they have responded and not identified nuisance odors. The facility is regulated by Waste Discharge Requirements. Water Board Staff is reviewing the case file and will be investigating by conducting a site inspection and taking enforcement if appropriate staff will be respond to the complainants with our findings.

### 3. Update on the City of Folsom's Sewer Collection System

During the Public Forum session of the 4 October 2013 Board meeting, two individuals expressed concern about the City of Folsom's sewer collection system. In particular, they were concerned about (a) the relationship between the City's 27-inch sewer line and the City's 33-inch sewer line, (b) whether the improvements made since the 2003 sewer spills are adequate, and (c) the City Council's discussion of buying additional sewer flow meters. These are not new issues; as discussed below, staff had previously responded to the concerns (a) and (b), and the City of Folsom had already informed staff as to the status of concern (c).

#### Previous Complaints and Staff Response

In late 2012, these same individuals made over 20 complaints about Folsom's sewer collection system, alleging that there are on-going capacity issues and an overall lack of maintenance. Staff thoroughly reviewed the complaints, reviewed engineering documents, and provided responses to the citizens. In addition, staff from the Central Valley Regional Board and the State Water Board Office of Enforcement conducted a multi-day audit to determine whether Folsom is complying with the Statewide General Waste Discharge Requirements for Sanitary Sewer Systems. Although minor issues were found with the Folsom collection system, staff found that in general the system is well operated and maintained, and that the City has reported significantly fewer spills than either the regional or statewide average number of spills. It is noted that Office of Enforcement engineers have conducted over 50 collection system audits state-wide, and they concluded that the City of Folsom's sewer collection system is well managed; quality training is provided to staff; and the reporting protocol and procedures are amongst the top in the State that have been reviewed.

At the January 2013 Board meeting, staff presented an informational item regarding Folsom's collection system. An extensive staff report was written, and lengthy presentations were made by staff, the City of Folsom, and the two individuals. Board staff concluded that the City has made significant improvements to the management and reliability of its sewer collection system since the 700,000 gallon raw sewage spill in 2000, and that the City's sewer system has significantly few spills- and at a significantly lower volume- than other public entities throughout the state. Staff recommended that no further action be taken regarding the complaints, and the Board members concurred.

#### Current Complaints

The first two complaints made at the October 2013 Board meeting are the same as those made previously. The relationship between the 27-inch sewer line and the 33-inch line was thoroughly investigated by staff and was discussed in the January 2013 Staff Report. In summary, a portion of the flow in the Folsom's 27-inch line was re-routed to the 33-inch line to reduce surcharging in the 27-inch line. The 33-inch line then discharges into the Sacramento Regional County Sanitation District's (SRCSD) 54-inch interceptor and is conveyed to SRCSD's wastewater treatment plant for treatment.

This work was completed per plans that were stamped and signed by a civil engineer. The 33-inch line does not re-connect into the 27-inch line. Staff has previously determined, and continues to believe, that this continuing complaint is not an issue.

The second complaint has been made before, namely that Folsom has not made adequate progress to upgrade its sewer collection system since the spills in 1995-2000. Staff strongly disagree, as described in the January 2013 Staff Report. The proof that the collection system is now properly sized and managed is found in the number of sewer spills reported by the City of Folsom in relation to other cities throughout the state. In 2012, Folsom reported 11 spills/100 miles of sewer line compared to 71 spills/100 miles of sewer line for the statewide average. In addition, Folsom's spills are lower in volume than the statewide average: Folsom reported 87 gallons/1000 capita versus the statewide average of 1,744 gallons/1000 capita.

The third complaint appeared to be about the fact that the Folsom City Council authorized City staff to buy additional flow meters for the sewer system. Folsom is voluntarily measuring flows at various locations within its sewer system; this is not required by the Sanitary Sewer System General Order. Board staff were aware of the additional flow meters; on 30 August 2013, Folsom staff met with Board staff to provide an update on the status of the City's planned flow monitoring improvements, system capacity analysis and the City's efforts to date to address staff's concerns included in the 2012 collection system audit. Below is a summary of the City's major collection system projects.

*2013 Flow Monitoring Improvements* – Folsom is currently upgrading its data collection system by adding new meter sites, replacing meters that are reaching the end of their serviceable life, upgrading the SCADA system, and analyzing smaller basins to improve the analysis. The City is voluntarily making these improvements, and provided staff with a copy of the final analysis. Folsom staff also committed to keeping Board staff up to date on the progress.

*Sewer Capacity Analysis Update* – The City of Folsom contracted with Water Works Engineers to update the 2008 capacity analysis. The update, prepared by Joseph Ziemann, P.E., analyzed the City's current sewer flow rates and the areas of hydraulic capacity concern that were identified in the City's 2008 capacity study. In addition, the update recommends activities for Folsom to further enhance its sewer flow monitoring and inflow and infiltration efforts. The update found that the projects implemented by the City have adequately addressed the concerns identified in the 2008 capacity study.

*2012 Board Audit* – The City updated staff on the progress that has made addressing the two violations and four areas of concern identified by staff during the 2012 audit of Folsom's collection system. The City reported that they have implement or continue to implement improvements to address the violations and areas of concern.

Board staff finds that the City of Folsom continues to make significant improvements and is in compliance with the Statewide General Order Waste Discharge Requirements for Sanitary Sewer Systems. Board staff does not recommend further action regarding the City of Folsom's collection system.

## SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS

Sanitary sewer overflows (SSOs) continue to be an area of concern and focus of attention for Central Valley Water Board staff. Between 1 August and 31 October 2013, 14 Category 1, 2 Category 2, and 174 Category 3 spills were reported. The State Water Board's Order No. WQ 2013-0058-EXEC amended the Monitoring and Reporting Program (MRP) for the Statewide Waste Discharge Requirements for Sanitary Sewer Systems (SSS WDRs) as of September 9, 2013 such that:

**Category 1** spills are discharges of untreated or partially treated wastewater of **any volume** resulting from an enrollee's sanitary sewer system failure or flow condition that:

- Reach surface water and/or reach a drainage channel tributary to a surface water; or
- Reach a Municipal Separate Storm Sewer System (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the MS4 is considered to have reached surface water unless the storm drain system discharges to a dedicated storm water or groundwater infiltration basin (e.g., infiltration pit, percolation pond).

**Category 2** spills are discharges of untreated or partially treated wastewater of **1,000 gallons or greater** resulting from an enrollee's sanitary sewer system failure or flow condition that do not reach surface water, a drainage channel, or a MS4 unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly.

**Category 3** spills are all other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition.

A more detailed account of the sewage spills occurring between 1 August and 31 October 2013 is included as Attachment A.

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](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](http://www.waterboards.ca.gov/water_issues/programs/sso/docs/compliance_report2011.pdf)

## GRANTS

### 1. **State Water Board, Stormwater Grant Program**

The State Water Board Round 2 of the Stormwater Grant Program (SWGP) Concept Proposal Solicitation closed 17 October. The SWGP funds are to be used to provide matching grants to local public agencies for the reduction and prevention of storm water contamination of rivers, lakes, and streams. Approximately \$33.6 million from Proposition 84 SWGP and approximately \$4.8 million Proposition 40 Urban Stormwater will be available for award to implementation projects during the second solicitation. The awarding of grant funding through the SWGP is a competitive process. The application will be a two-step process that begins with the submittal of a Concept Proposal. The Concept Proposal will be evaluated for eligibility and technical merit during October and November, and in December the most competitive projects will be invited to submit a Full Proposal. Central Valley Water Board staff are assisting the State Water Board in the technical review of 12 concept proposals within Region 5, two proposals in the upper Sacramento Basin, and five each in the lower Sacramento/San Joaquin Basin and Tulare Lake Basin

## SITE CLEANUPS

1. **Continental Grain is removing fumigants from groundwater with zero valent iron.**

Continental Grain is treating groundwater at 9504 South Harlan Road in French Camp, where it formerly operated a granary. The groundwater contains the fumigants carbon tetrachloride, 1,2-dichloropropane and 1,2,3-trichloropropane. In 2005, granular zero valent iron was injected into hydraulic fractures in the subsurface. While some reductions in pollutants were observed, the degradation process was hastened in 2008 when Continental Grain began recirculating groundwater into the iron formation. Using this recirculation process, carbon tetrachloride concentrations have decreased from about 400 micrograms per liter ( $\mu\text{g/L}$ ) in 2008 to about 27  $\mu\text{g/L}$  in 2013. (AST)

2. **Firestone Beacon, 449 Main Street, Red Bluff, Tehama County**

In 1988, two gasoline and one diesel USTs, dispensers, and associated piping were removed from the Site. Subsequent investigations revealed widespread gasoline pollution in groundwater, both on and off-site. The discharger has long maintained that off-site pollution was from another source. Numerous potential off-site sources have been investigated but no viable sources have been identified to date. Off-site pollution appears to correlate well with the confirmed release from the onsite USTs. In May 2013, the Central Valley Water Board received a letter from Assemblyman Dan Logue expressing concern that the case had been ongoing for over 25 years, that Central Valley Water Board staff had not been responsive, and that pollution remaining near the site was clearly coming from an off-site source and not the responsibility of the Discharger. Central Valley Water Board staff and Assistant Executive Officer Snyder prepared a response letter and technical memo to Assemblyman Logue detailing the Central Valley Water Board's position that the subject contaminants originated from the Firestone Beacon site. This position was further discussed with Assemblyman Logue's staff on 22 August 2013. Central Valley Water Board staff scheduled a September meeting with the Discharger and discussed path-forward options and developed a plan to investigate and remediate the remaining off-site pollution and conduct a soil vapor assessment as this case does not qualify for Low-Threat Closure.

## DELTA ACTIVITIES

### 1. **Delta Mercury Exposure Reduction Program**

The goal of the Delta Mercury Exposure Reduction Program (MERP) is to reduce human exposure to mercury from consumption of contaminated Delta fish. The Basin Plan requires entities tasked with addressing methylmercury in the Delta to either individually or collectively develop and implement a MERP. Staff worked with stakeholders interested in the collaborative approach and the California Department of Public Health (CDPH) to develop a work plan that contains goals and objectives, description of tasks, roles and responsibilities, schedule, and budget. On 22 October 2013, the Executive Officer approved the Delta MERP Work Plan.

Twenty-six entities, including Delta municipalities, wastewater agencies, stormwater programs, and land owners representing agriculture and ecological reserves, have submitted letters committing funds to the Delta MERP. Additionally, in August, the State Water Resources Control Board allocated \$370,000 from the Cleanup and Abatement Account to cover the share of funding expected from State agencies. Complementing the cash contributions are commitments of staff and other in-kind services from CDPH, the Delta Conservancy, Department of Water Resources, State Lands Commission, the US Bureau of Land Management Cosumnes River Preserve and the US Fish and Wildlife Service Stone Lakes Refuge.

The Delta MERP Work Plan describes a schedule and budget for a six-year period. Despite the commitments described above, the Delta MERP is only fully funded for the first three to four years. Staff will continue to pursue more funding for the program. These efforts will include increasing the involvement of federal agencies and private land owners. Implementation of the Delta MERP Work Plan will commence in 2014.

### 2. **Delta Methylmercury Control Studies**

Phase 1 of the Delta Mercury Control Program requires that dischargers and agencies tasked with addressing methylmercury perform studies to evaluate methods to control methylmercury. Entities were allowed to work individually or collectively. Individual methylmercury control study work plans from three entities (Port of Stockton stormwater system, Deuel Vocational Institution wastewater treatment facility, and the US Army Corps of Engineers navigational channel dredging maintenance program) were submitted as required in July 2012.

Entities developing collaborative studies were allowed more time for study planning. In April 2013, the Executive Officer received nine draft methylmercury control study work plans that addressed methylmercury from municipal wastewater treatment, urban stormwater, managed wetlands, tidal wetlands, open water channels, and irrigated agriculture. The control study work plans were reviewed by an independent technical advisory committee (TAC). In August and September 2013, staff met with study planners to discuss the TAC comments. Common TAC comments included the need for more robust sampling plans and too much emphasis on measuring currently methylmercury loads as opposed to testing methylmercury management practices. As of 1 November 2013, complete study work plans have been received from all entities representing point sources. Staff is continuing to work with the Departments of Water Resources and Fish and Wildlife to complete methylmercury control study plans for open water channels and tidal wetlands. Appropriate study plans for open channels and tidal wetlands are necessarily detailed and complex.

The Department of Fish and Wildlife's Ecosystem Restoration Program is funding studies of mercury from managed wetlands in the Yolo Bypass. Because the Ecosystem Restoration Program has its own scientific peer review process, its studies were not reviewed by the Delta methylmercury TAC. However, staff is tracking the progress of this work.

Funding for methylmercury control studies remains a concern, particularly for studies to test methylmercury control in nonpoint source habitats. The TAC recognized that a lack of funds is a significant challenge to the success of the Phase 1 study program.

### 3. **Delta Regional Monitoring Program (RMP)**

The Delta RMP Steering Committee has continued to meet regularly. On 23 September, the Steering Committee began detailed conversations about specific monitoring questions related to the five priority topics under consideration (mercury, toxicity, pesticides, nutrients, and pathogens). The discussion continued at the 10 October Steering Committee meeting and a decision is forthcoming at the upcoming

meeting on 2 December. On 10 October, the Steering Committee meeting included a panel discussion to discuss some of the challenges and opportunities of developing and implementing a regional monitoring program. Panelists included participants from both the San Francisco Bay RMP and the Southern California Bight Program (Kevin Buchan, Western States Petroleum Association; Joe Gully, Los Angeles County Sanitation District; Adam Olivieri, Bay Area Stormwater Management Agencies Association; Ken Schiff, Southern California Coastal Water Research Project; Dave Williams, Bay Area Clean Water Agencies). The panel discussion provided additional context to many of the upcoming decisions for the Delta RMP Steering Committee. Additionally, Regional Board staff is working with a sub-set of RMP participants to develop the language that will be used in NPDES permits to allow for participation in the program and to assess current monitoring requirements to develop more regional assessments in support of the program.

**4. Delta Science Plan**

The Delta Stewardship Council's Delta Science Plan has been finalized and was accepted by the Council on 25 October. The Science Plan is a framework for conducting science that organizes and integrates Delta science activities and builds an open, collaborative science community (One Delta, One Science). The Science Plan makes specific references to the Delta Regional Monitoring Program, including Action 4.2.2- Build a comprehensive Delta monitoring strategy for an integrated program. Coordination and collaboration with other monitoring programs are goals of the Delta Regional Monitoring Program and will be incorporated into the initial monitoring plan design. The Delta RMP, while focused on water quality, is intended to provide information that is valuable for many other programs.

**5. Delta Contaminants**

On 23 October, Tessa Fojut and Melissa Dekar from the pesticide TMDL unit attended a Biomarkers workshop at UC Davis. Biomarkers are measured characteristic in organisms which may be used as an indicator of exposure or effect. Several presentations were given, with particular emphasis on the use of biomarkers in fish to help identify causes of the pelagic organism decline in the Delta. A panel of scientist from across the US were in attendance and were charged with providing feedback on current work and recommendations for future research. A formal report is forthcoming.

**6. Bay Delta Conservation Plan**

The Bay-Delta Conservation Plan (BDCP) is a proposal to move the intakes for the State and Federal Water Projects from the south to the north Delta. The BDCP also includes restoration activities to mitigate the effects of the project as well as restore habitat for endangered fish and other aquatic and terrestrial species. A joint Environmental Impact Report/Environmental Impact Statement (EIR/EIS) is being prepared to analyze the environmental impact of the proposed project and its alternatives. Two administrative drafts were previously released which Central Valley Regional Board staff commented on. A public draft was scheduled to be released on November 4, 2013. However, the release has been postponed until Dec 13 due to the federal government shutdown. State and Regional Board staff will again review and provide comments. Information on how the public may obtain a copy of the EIR/EIS and provide comments is available at: <http://baydeltaconservationplan.com/Home.aspx>.

## DAIRIES

### 1. **CAFO Roundtable**

The Association of Clean Water Administrators sponsored, and Central Valley Water Board staff coordinated, a Concentrated Animal Feeding Operation (CAFO) Roundtable in October 2013. The CAFO Roundtable is an annual meeting of State and Federal regulators for the purpose of sharing new technologies and facilitating discussion on animal agriculture program enhancements and improvements. Representatives of regulatory agencies from approximately 40 states attended the Roundtable. Staff from the Central Valley Regional Board, and other Regional Water Quality Control Boards, gave presentations at the Roundtable. Executive Officer Pamela Creedon presented an overview of dairy digester success stories within the Central Valley. Dale Essary, Senior Engineer of the Confined Animals Unit in the Fresno office, presented an overview of the State/Regional Water Board regulatory hierarchy and of the Central Valley Water Board's Dairy General Order.

### 2. **Issuance of Renewed Dairy General Order**

On 3 October 2013, The Central Valley Water Board adopted Reissued Waste Discharge Requirements General Order for Existing Milk Cow Dairies, Order R5-2013-0122 (Reissued General Order). The Reissued General Order sets aside and replaces the 2007 General Order in compliance with a Superior Court writ of mandate. Central Valley Water Board staff has issued certified letters notifying owners and operators of all existing dairies previously covered under the 2007 General Order that they are now regulated by the Reissued General Order.

### 3. **Enforcement**

Staff has issued notices of violation (NOVs) to a number of dairies (approximately 90) for which a review of their records revealed that they have not fully or properly implemented a nutrient management plan. Other dairies (approximately 60) have been issued NOVs for having not submitted a certification of completion of modifications made to meet adequate flood protection and/or waste management capacity. Staff is in the process of prioritizing these dairies for pursuing formal enforcement. Top priority is to be given to those dairies that exhibit both nutrient management and waste management deficiencies.

## GROUNDWATER QUALITY PROTECTION STRATEGY

### 1. **Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap – Workplan June 2011-June 2013 (Update)**

The Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap (Roadmap) was developed through active stakeholder outreach and approved by the Central Valley Water Board (September 2010 Resolution R5-2010-0095.) The workplan for implementation of high priority actions was approved at the Board's regular June 2011 meeting. Development of a second phase workplan has begun and will include the medium priority actions as well as any work that has not been completed by the end of the current workplan in June 2013.

The State Water Board has released a concept paper proposes a workplan framework under which the Water Board's groundwater activities would be organized. The State Water Board are meeting with various interests to continue the dialogue on this proposed framework, and the combination of existing and proposed actions, in the coming months. Central Valley Water Board staff is coordinating with the State Water Board as they continue their efforts.

A report to the Central Valley Water Board which will include the status of work completed over the last two years, presentation of a workplan for the next two years, as well as a workplan to update the Groundwater Quality Protection Strategy for the Central Valley Region to incorporate new or emerging issues is planned for the 5, 6 December 2013 board meeting.

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

## SALINITY AND CV SALTS

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

The CV-SALTS Executive Committee has focused recent policy discussions on: application of secondary maximum contaminant levels to protect Municipal and Domestic Supply (MUN); development of a decision tree for interpreting narrative water quality objectives to protect Agricultural Supply (AGR); and principals for determining background concentrations and assimilative capacity in groundwater. The following technical work informing these discussions as well as development of a Central Valley Salt and Nitrate Management Plan (SNMP) has recently been completed: Initial Conceptual Model on salt and nitrate source/fate/transport, groundwater assimilative capacity and general water quality trends for 23-analysis zones within the Central Valley floor; a more detailed analyses on source, fate and load in two areas (Modesto and Lower Kings River); a technical report on salinity criteria to protect aquatic life; and, Phase 1 of the Strategic Salt Accumulation Land and Transport Study (SSALTS) characterizing existing salt management strategies. A brief summary of all CV-SALTS technical projects can be found under on the CV-SALTS website at: <http://www.cvsalinity.org/index.php/committees/technical-advisory/technical-projects-index.html>

In addition to ongoing committee activities, four California Environmental Quality Act (CEQA) Scoping sessions were held throughout the Central Valley during October 2013, to solicit public comment on potential components of a Central Valley SNMP. Comments and questions from the meetings are being compiled for review. The deadline to provide comments on the proposed project is 31 December 2013. Meeting material is posted at: [http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/index.shtml)

The Lower San Joaquin River (LSJR) Committee is continuing to develop salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. Technical work characterizing the current water quality and salt loading throughout the basin is under way. As part of its effort to develop a range of potential water quality objectives, the committee has reviewed a draft aquatic life criteria document, prepared by Dr. David Buchwalter of North Carolina State University. Also, the committee has developed a questionnaire to compile data on irrigation management practices employed by LSJR water users and is currently interviewing water districts and growers that irrigate with LSJR water. As part of the review of implementation alternatives, staff from the US Bureau of Reclamation (USBR) and the Westside San Joaquin River Watershed Coalition (Coalition) is preparing a draft Real-Time Management Program (RTMP) framework document to utilize the assimilative capacity of the LSJR to transport salt out of the basin while meeting water quality objectives. The USBR and the Coalition plan to present the draft to the LSJR Committee during the committee's November monthly meeting for stakeholder feedback.

### 2. **CV-SALTS Meeting Participation**

On 9 September, Jim Brownell participated in the LSJR Committee meeting.

On 12 September, Jeanne Chilcott participated in the CV-SALTS Technical Committee meeting.

On 13 September, Jeanne Chilcott participated in the CV-SALTS Executive Committee Administrative.

On 26 September, Pamela Creedon, Karl Longley, Clay Rodgers, Pam Buford and Jeanne Chilcott participated in the CV-SALTS Executive Committee Policy meeting.

On 2 October, Jeanne Chilcott and Pam Buford participated in the Agricultural Zone Project Committee meeting to discuss initial finding and identify issues to discuss at a future workshop with the agricultural community.

On 10 October, Jim Brownell and Jeanne Chilcott held a workshop and CEQA Scoping session in Modesto on potential components of a Central Valley SNMP.

On 10 October, Jim Brownell and Jeanne Chilcott participated in the LSJR Committee meeting to discuss the status of the project work plan and other documents being developed in support of salt management and salinity water quality objectives on the LSJR.

On 11 October, Jeanne Chilcott participated in the CV-SALTS Executive Committee Administrative meeting.

On 15 October, Jeanne Chilcott participated in the CV-SALTS Technical Committee meeting.

On 16 October, Pam Buford and Jeanne Chilcott held a workshop and CEQA Scoping session in Rancho Cordova on potential components of a Central Valley SNMP.

On 17 October, Pamela Creedon, Karl Longley, Clay Rodgers, Pam Buford and Jeanne Chilcott participated in the CV-SALTS Executive Committee Policy meeting.

On 21 October, Anne Littlejohn and Jeanne Chilcott held a workshop and CEQA Scoping session in Rancho Cordova on potential components of a Central Valley SNMP.

On 24 October, Jim Brownell participated in a technical research team meeting conducted to develop a river forecast model for use in real time salinity management of the LSJR. The team, organized by USBR staff, will meet again in November and December.

On 28 October, Pam Buford and Jeanne Chilcott held a workshop and CEQA Scoping session in Fresno on potential components of a Central Valley SNMP.

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

Staff meets monthly with representatives of the USBR to discuss the status of work related to the MAA that addresses mitigation of salt imports to the San Joaquin River Basin by maximizing salt exports from the Basin while protecting beneficial uses. However, the USBR cancelled the regular monthly meeting scheduled for 14 October because of the recent Federal shutdown.

On 17 September, Pamela Creedon and Jeanne Chilcott met with USBR Deputy Director Arroyave to discuss the status of efforts to manage salt under the terms of the existing Control Program for Salt and Boron Discharges to the Lower San Joaquin River, development of a Real-Time Salinity Management Program, and potential updates to the existing Management Agency Agreement.

During September USBR staff completed significant revisions to the Real-Time Salinity Management Program (RTMP) framework document and USBR management reviewed it. Following the review, USBR staff submitted the draft to the Westside San Joaquin River Watershed Coalition (Westside Coalition). During September and October, USBR staff and members of the Westside Coalition continued to work on the draft document. On 9 October, Jim Brownell participated in a stakeholder meeting in Los Banos, held to identify ways of improving the draft document.

The next monthly MAA meeting with USBR staff is scheduled for 13 November. Topics will include the status and schedule of the RTMP framework document and need for identification of an entity to manage implementation and operation of real time salinity management. An information item on the effort has tentatively been scheduled for the Central Valley Water Board meeting on 9 January 2014 in Los Banos. It is anticipated that a final RTMP framework document will be brought to the Board for review and approval in 2014. As specified in our Basin Plan, the alternative to managing salt in the LSJR through a Board approved RTMP would be progressive compliance with load allocations through WDR's beginning in July 2014.

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

The project evaluating appropriate application and level of protection of MUN in agriculturally dominated surface waters is moving forward as anticipated. A stakeholder meeting was held in September with a focused discussion on options for monitoring and surveillance. Stakeholders were given extra time through September to offer their feedback to staff for consideration in the development of alternatives for the draft staff report. Monitoring in the Sacramento Valley case study area concluded in September 2013, and the results are being evaluated as part of a water quality report to support the draft staff report. In addition, a contract for the required CEQA and economic evaluations was initiated in October 2013 and it is estimated that this portion of the staff report work task will be completed by July 2014.

#### MUN Meeting Participation

On 12 September, Anne Littlejohn, Jeanne Chilcott and Susan Fregien participated in a stakeholder meeting in Rancho Cordova.

More information on the project can be found at:

[http://www.waterboards.ca.gov/centralvalley/water\\_issues/salinity/mun\\_beneficial\\_use/index.shtml](http://www.waterboards.ca.gov/centralvalley/water_issues/salinity/mun_beneficial_use/index.shtml)

## **IRRIGATED LANDS REGULATORY PROGRAM (ILRP)**

### **General Waste Discharge Requirements (WDRs) Development**

#### **Tulare Lake Basin WDRs**

On 19 September, the Board adopted the Waste Discharge Requirements General Order for Growers within the Tulare Lake Basin Area that are Members of a Third-party Group. Applications for entities that wish to serve as Third-parties under the new program have been received and are currently under review.

On 28 August, Clay Rodgers, David Sholes, and Brent Vanderburgh attended a grower outreach event hosted by the Tule River Sub-watershed. Staff presented a general overview of grower requirements proposed in the tentative WDR and responded to questions asked by the audience. Representatives of the Tule Sub-watershed presented an outline of the third-party requirements and discussed some of the details regarding formation of a third-party under the new WDR.

#### **Sacramento Valley Rice WDRs**

Three comment letters were received on the draft WDRs. On 25 September, Regional Board staff met with members of the Sacramento River Source Water Protection Program to discuss their comments and concerns regarding the draft WDRs.

#### **Sacramento River Watershed WDRs**

On 11 September, Staff released the Administrative Draft of the Sacramento River Watershed WDRs. Staff received comments from eighteen interested parties by the 11 October deadline.

On 30 October, staff gave a presentation on the administrative draft WDRs and comments received to the Board at a public workshop held in Colusa. Sacramento Valley Water Quality Coalition and the Sacramento River Source Water Protection Program also presented their perspectives at this workshop. Staff will consider written comments, comments made at the workshop, and board direction in preparing the tentative WDRs, which should be released in early January.

#### **Delta WDRs**

On 13 September, staff received comments on the San Joaquin County and Delta Area Draft Order to be included in the administrative record. On 3 October, staff presented the San Joaquin County and Delta Area Draft Order at a public workshop for growers that are members of the third-party group at the October Central Valley Water Board meeting. This was an informational item to the Board. Staff will consider written comments, comments made at the workshop, and board direction in preparing the tentative WDRs, which should be released in early January.

#### **Western San Joaquin River Watershed WDRs**

On 24 October, Joe Karkoski, Susan Fregien, and Jelena Hartman participated in a phone conference with the Westside Coalition representatives regarding the tentative draft of waste discharge requirements and a monitoring and reporting program for growers that are members of a third-party group within the Western San Joaquin River Watershed. Changes from the June administrative draft were discussed at the meeting.

On 29 October, the tentative draft of waste discharge requirements and a monitoring and reporting program for growers that are members of a third-party group within the Western San Joaquin River Watershed was released for a public review and comment period. Interested-person comments are due by 2 December. The anticipated schedule for bringing the tentative order to the board for consideration is on 9 January 2014 at a meeting in Los Banos.

#### **Westlands WDRs**

On 29 October, staff released the tentative Waste Discharge Requirements and Monitoring and Reporting Program for Growers within the Western Tulare Lake Basin Area that are Members of a Third-party Group. The written comment period is scheduled to close 2 December 2013, and a Board hearing is scheduled to consider adoption of the Order on 9 January 2014 in Los Banos.

#### **Template Development and the Management Practices Evaluation Program**

On 25 October, Clay Rodgers and Joe Karkoski met with representatives from the coalitions and commodity groups to discuss the Farm Evaluation template and the status of the management practices evaluation program. The coalitions and commodity groups had provided a revised Farm Evaluation template and board

staff provided feedback on the template at the meeting. In addition, the coalitions provided an update on the development of a group, or groups, to work on the Management Practices Evaluation Program.

### **Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections**

In September, ILRP staff inspected 197 parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 directives to commercial irrigated lands that are not covered by the East San Joaquin Coalition.

In October Staff also started inspecting the foothill portions of the East San Joaquin River Watershed for parcels that have may have sediment discharges in the rainy season. Staff has focused on the foothill portion of Stanislaus County after becoming aware that many parcels in that area were being converted to orchards from grazing land. Staff has noticed that the process for doing this usually involves denuding the vegetation from parcels. This leaves minimal sediment and erosion control measures in place, which could lead to a pollution discharge. Administrative Civil Liabilities have been issued in the past for parcels that have undergone similar transformations and had major discharges of sediment in doing so. The goal of these inspections is to warn landowners to prevent similar situations in the future. Staff enforcement letters are planned to be mailed to the landowners whose parcels have been identified as having minimal sediment and erosion control measures in place.

### **Compliance & Outreach – Water Code section 13260 Directives**

In October, ILRP staff mailed 129 13260 directives to landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections). The directives require the recipients to submit proof of coalition membership or a Report of Waste Discharge.

### **Compliance & Outreach – Informational Postcards for areas still under surface water only program**

In October, ILRP staff mailed 25 postcards to non-participating landowners in Lassen and Modoc Counties. ILRP staff screened these landowners' parcels using aerial photography to target agricultural operations with the potential to discharge waste to surface waters and verified non-participating parcels with the Sacramento Valley Water Quality Coalition area sub-coalition groups.

## **Coalition Groups**

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

On 12 September, East San Joaquin Water Quality Coalition (Coalition) submitted a request to change due dates for management plan performance goals to match the due dates in the waste discharge requirements for the Eastern San Joaquin River watershed. The Executive Officer approved the request on 23 September.

On 17 September, the East San Joaquin Water Quality Coalition provided an update on the development of the Groundwater Quality Assessment Report that is required to be prepared by the Waste Discharge Requirements General Order for Growers within the Eastern San Joaquin River Watershed. The Coalition's update included information on the modeling to assess vulnerability and the approach to prioritize vulnerable areas.

On 23 September, the East San Joaquin Water Quality Coalition (Coalition) submitted a request to approve performance goals and measures for three subwatersheds. The performance goals and measures provide a mechanism to track the Coalition's efforts in addressing water quality. The request is under review, and Order R5-2012-0116-R1 requires that public comments be considered in determining if any revisions are appropriate.

On 1 October, staff held the 20<sup>th</sup> quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals and status of other activities in progress. The Coalition provided an update on the monitoring results and outreach in the subwatersheds that have active management plans.

On 9 October, the Executive Officer conditionally approved the East San Joaquin Water Quality Coalition's (Coalition) Monitoring Program Update report for 2014 water year as required by Waste Discharge Requirements Order Number R5-2012-0116-R1. The monitoring plan provides the surface water monitoring

schedule for the period 1 October 2013 through 30 September 2014. The monitoring plan was submitted on 1 August, and re-submitted on 17 September.

On 15 October, the Executive Officer approved the completion of management plans for specific constituents at select sites in the East San Joaquin Water Quality Coalition area. The request was received on 7 November 2012, and eight site/constituent pairs met the conditions for the completion of management plans; management plans will continue for six site/constituent pairs that were also included in the request but do not meet the requirements for completion.

#### **Sacramento Valley Water Quality Coalition (SVWQC)**

On 20 September, staff met with SVWQC representatives for a quarterly Management Plan Meeting to review the status of Management Plans, schedules and deliverables. Topics included progress on the 2014 monitoring plan, the status of monitoring locations on Coon Creek in Placer and Sutter Counties; and SVWQC activities and progress on several Management Plans.

On 8 October, the SVWQC submitted its Monitoring Plan for the 2014 monitoring year (October 2013 – Sep 2014). Staff is reviewing this plan for consistency with the requirements of the 2009 MRP (Order R5-2009-0875).

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

On 3 September, the San Joaquin County and Delta Water Quality Coalition (Coalition) submitted its Quarterly Monitoring Data Report for the period between April and June, as required by Order No. R5-2006-0053. After review, these data will be posted on the Irrigated Lands Regulatory Program web site.

#### **Westside Coalition**

On 24 October, the Westside San Joaquin River Watershed Coalition submitted the Focused Watershed Management Plan IV. The Focused Plan addresses exceedances in these subwatersheds by identifying irrigated agriculture source, identifying management practices to implement and follow up activities. The Focused Plan is under staff review.

#### **Grasslands Bypass Project**

Regional Board staff is preparing draft WDRs for surface water discharges from the Grassland Bypass Project that will incorporate relevant requirements from the Irrigated Land Regulatory Program.

#### **Other Projects**

##### **Data Management**

Data from 2009 through 2012 for all Coalitions are available to the public on CEDEN. The latest transferred occurred in November and added data though early-2013 for some coalitions. The next transfer is planned for March 2014 and will add data through mid-2013 for most coalitions. New data will continue to be transferred to CEDEN on a quarterly basis.

Data reports received in acceptable condition through 15 November 2013 are currently being processed and loaded into the California Environmental Data Exchange Network (CEDEN) comparable database provided by the Central Valley Regional Data Center (CV RDC).

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets have been processed and transferred to CEDEN as resources permit. Staff is currently processing the Westside Coalition and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by both Coalitions since program inception. The current goal is to complete the Westside Coalition data by early 2014.

##### **Rice Pesticides Program**

On 15 October the Rice Pesticides Program stakeholders meeting was held in the Rancho Cordova office. Participants included representatives from the California Rice Commission, municipal water suppliers, the Department of Pesticides Regulation and the Regional Board. Monitoring results from the 2013 season were discussed, as well as the next steps in evaluating and assessing those results.

**Prop 84 Grant Funding**

Fifty-one projects have been completed and invoiced to date. Twenty-six projects are still open. The completion and invoicing of projects are required by December 2014.

Field measurements have been taken to validate the accuracy of the soil erosion model. The model will be used to estimate the sediment load reduction due to implementation of the grant projects.

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

## **TMDL BASIN PLANNING**

In September 2013, staff sent an outreach letter regarding the TMDL and Basin Plan amendment for the herbicide diuron to almost 500 pesticide applicators who apply to non-agricultural rights-of-way. The letter explained that the Board is specific requirements for diuron and that a meeting could be held for rights-of-way stakeholders if there was interest.

On 9 October, staff of the basin planning section met with representatives of the Pyrethroid Working Group (which is a working group of pyrethroid pesticide manufacturers) to share information regarding recent research and outreach efforts the pesticide makers have conducted or sponsored. Staff updated the representatives on the status of the development of the Integrated Report and the Pyrethroids Pesticide Basin Plan Amendment.

On 24 October, staff met with responsible parties at the Royal Mountain King Mine site in western Calaveras County. The purpose of the site visit and meeting was for staff to evaluate areas defined in a proposed Basin Plan Amendment addressing groundwater beneficial uses at the site. Staff will release the draft amendment for public review in November and plans to bring the item to the Board for consideration in March 2014.  
(GMD)

## GENERAL

### 1. Nitrate High-risk Area Workgroup

In its "Recommendations Addressing Nitrate in Groundwater" ([http://www.waterboards.ca.gov/water\\_issues/programs/nitrate\\_project/docs/nitrate\\_rpt.pdf](http://www.waterboards.ca.gov/water_issues/programs/nitrate_project/docs/nitrate_rpt.pdf)), the State Water Board committed to "...define and identify nitrate high-risk areas in order to prioritize regulatory oversight and assistance efforts in these areas." Joe Karkoski and Dana Kulesza have participated in three water board workgroup meetings (25 September, 11 October, and 7 November) to discuss how to meet this commitment. The meetings include representatives from three regions and the State Water Board.

### 2. Coalinga Landfill, Fresno County

Staff reviewed and approved the Final Closure Plans (Plans, Specifications and Construction Quality Assurance (CQA) Plan) and the Post Closure Maintenance Plan for the Coalinga Landfill. Staff will next revise Waste Discharge Requirements to incorporate Closure Construction and Post Closure Maintenance Requirements for consideration at a future hearing.

### 3. Waste Management, McKittrick Waste Treatment Site, Kern County

Staff reviewed and approved the Design Report (construction plans, specifications, and CQA plan) for the Module C-2, Phase I expansion at the McKittrick Waste Treatment Site. This expansion is addressed in the approved Joint Technical Document and in the existing Waste Discharge Requirements. Construction is anticipated to begin in November 2013.

## PUBLIC OUTREACH

On 10 September, Janis Cooke, Patrick Morris, and Stephen Louie participated in a meeting of the Delta Tributaries Mercury Council. Meeting topics included: a progress report on the State Water Board-funded project to evaluate the relationships between sediment mercury concentrations and mercury in fish in upper Sierra streams, and a demonstration by USGS of removal of methylmercury in water by low doses of metal salts. Janis provided an update about the Delta Mercury Exposure Reduction Program. Patrick announced upcoming presentations by Stephen Louie and Carrie Austin (Region 2) at the North American Lake Management Society meeting in November where they planned to present potential water chemistry management opportunities to control mercury methylation in reservoirs.

On 13 September, Gen Sparks met with Lake County and the Cities of Clearlake and Lakeport to discuss first year implementation under the new Phase II MS4 Permit. The meeting included discussions on the permit requirements, including permit enrollment, the possibility of coordinating public outreach across the region, water quality monitoring, and developing ordinances in compliance with the permit

On 16 September, Joe Karkoski attended a meeting of the Bay Delta Conservation Plan "Farmland Agency Group", which is discussing various strategies to mitigate impacts to agriculture.

On 17 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 topic for the meeting was an update on the groundwater cleanup project at McClellan.

On 18 September, Susan Fregien gave a presentation on the Irrigated Lands Regulatory Program during the annual meeting of the California Agricultural Irrigation Association.

On 18 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. (AMM)

On 19 September, Meghan Sullivan presented an update on the Delta Regional Monitoring Program to the Delta Regional Forum for the California Department of Water Resources Water Plan update.

On 20 September, Betty Yee participated in the Department of Water Resources Water Plan forum for the San Joaquin River Hydrologic Region.

On 20 September, Sue McConnell, Danny McClure, Liz Lee, and Gen Sparks attended a discussion with storm water dischargers hosted by State Water Board staff on the process for developing provisions to implement TMDL requirements under the Phase II MS4 Permit. The meeting included background and overview of TMDLs, Phase II MS4 Permit revisions, a proposed implementation language approach, timeline and schedule. Phase II MS4-TMDL implementation meetings with storm water dischargers are scheduled with State and Regional Water Board staff on November 15<sup>th</sup> and 21<sup>st</sup>. More information on this process is available at: [http://www.waterboards.ca.gov/water\\_issues/programs/stormwater/phase\\_ii\\_municipal.shtml](http://www.waterboards.ca.gov/water_issues/programs/stormwater/phase_ii_municipal.shtml)

On 26 September, Gen Sparks met with the Counties of Amador and Calaveras to discuss first year implementation under the new Phase II MS4 Permit. The meeting included discussions on the permit requirements, including permit enrollment, the possibility of coordinating public outreach across the region, water quality monitoring, and developing ordinances in compliance with the permit.

On 26 September, Michelle Wood gave a presentation, "Fish Mercury Impairment in California Reservoirs: Historic Mines and Other Factors", at the EPA Region 9 State-of-the-Science Workshop on Mercury Remediation in Aquatic Environments in San Francisco. The Workshop was attended by about 90 people in person and about 300 people via webinar, with representation from 11 countries.

On 26 September and 24-25 October, Diane Beaulaurier attended meetings of the Delta Stewardship Council.

On 26 September Alex MacDonald provided nation-wide training via the internet for the Integrated DNAPL Source Site Strategy Team of the Interstate Technical Regulatory Council (ITRC). Alex was one of four instructors for the 2.25 hour training on the ITRC document *Use and Measurement of Mass Flux and Mass Discharge* (October 2010). This is the fourth of several training sessions on the document. The training is provided free of charge to regulators, consultants, academia and other interested persons. Approximately 120 people world-wide attended this training. (AMM)

On 26 September, Guy Chetelat participated in a field review of restoration projects in the upper McCloud River watershed hosted by the Upper Sacramento and McCloud Rivers Integrated Regional Water Management group. Members of The River Exchange, Mount Shasta Bioregional Ecology Center, Cal Trout, public agencies, and timberlands managers inspected floodplain restoration projects that benefit fish and wildlife habitat and water quality.

On 30 September, Patrick Morris and Janis Cooke met with staff of the Delta Conservancy and the Delta Stewardship Council to discuss participation by these agencies in coordination and administration of the Delta Mercury Exposure Reduction Program.

On 3 October, Gen Sparks met with the Counties of Sutter and Yuba, and the City of Yuba City to discuss first year implementation under the new Phase II MS4 Permit. The meeting included discussions on the permit requirements, including permit enrollment, the possibility of coordinating public outreach across the region, water quality monitoring, and developing ordinances in compliance with the permit

On 8 October, Janis Cooke and Patrick Morris met by telephone with staff from the San Francisco Bay Water Board, Department of Public Health, and the Bay Area Clean Water Agencies to discuss possibilities for coordinating human health exposure reduction activities in Regions 2 and 5.

On 9 October, Gen Sparks met with the City of Marysville to discuss first year implementation under the new Phase II MS4 Permit. The meeting included discussions on the permit requirements, including permit enrollment, the possibility of coordinating public outreach across the region, water quality monitoring, and developing ordinances in compliance with the permit

On 18 October, Betty Yee participated in the Department of Water Resources Water Plan forum for the Tulare Lake Hydrologic Region.

On 19 October, Phil Woodward conducted a morning bus tour for the Water Education Foundation's Northern California Tour. The tour group was comprised of members of numerous public agencies, private consultants, environmental groups, and other parties interested in water quality, quantity, and use issues in Northern California. Mr. Woodward covered issues regarding water quality including the structure and mission of the Regional Water Boards, abandoned mines, timber harvest activities and recent large burns, irrigated lands, mercury bio-accumulation in aquatic organisms, etc

On 29 October, Ben Letton attended an Upper Pit River Integrated Regional Water Management meeting in Bieber, CA. The focus of the meeting was to review changes and modification to the draft regional Plan as a result of new California Department of Water Resources requirements. The group also discussed grant awards the region has received from the last round of Prop 84 implementation funding.

On 29 and 30 October, Meghan Sullivan, Tessa Fojut, Melissa Dekar, and Joe Karkoski attended the State of the Estuary conference on Oakland, California. Joe gave a presentation on implementing pesticide TMDLs through the Irrigated Lands Regulatory Program. Other panels and presentations included topics such as nutrients, the Delta Science Plan, climate change, urban pesticides, contaminants of emerging concern, and TMDLs.

On 29 and 30 October, Betty Yee participated in the Department of Water Resources Water Plan Plenary to discuss the status of Update 2013 as well as discuss the activities for the next Water Plan update.

On 1 November, Stephen Louie gave a presentation at the North American Lake Management Society 33rd Annual Symposium in San Diego titled "Important Factors Influencing Predatory Fish Mercury Concentrations in California Reservoirs: A Statistical Approach". The purpose of the presentation was to discuss the scientific findings that will assist in the development of the Statewide Mercury Control Program for Reservoirs with reservoir operators, other scientists, and researchers developing mitigation options to reduce the risks from mercury-contaminated fish in reservoirs.

On 5 November, Meghan Sullivan attended the Sacramento River Watershed Program's monitoring committee meeting to discuss next steps related to the development of a regional monitoring program for the Sacramento River watershed.

On 5 November, Janis Cooke and Patrick Morris met with members of the Delta methylmercury Open Water Workgroup (includes DWR, State Lands Commission, Central Valley Flood Protection Board, and US Bureau of Reclamation) to discuss the Open Water Workgroup's response to comments from the Delta methylmercury technical advisory committee. The Open Water Work Group plans to model methylmercury in the Delta and Yolo Bypass as a way to evaluate effects on methylmercury of potential changes in water management and land use.

On 6 November, Meghan Sullivan attended the California Estuaries Monitoring Workgroup meeting. The Estuaries portal officially launched on 29 October and this meeting began the conversation about the next phase of content to be developed for the portal, which will include more specific water resources such as water quality and water quantity.

On 18, 19, and 20 November, the Central Valley Water Board's Timber Unit held a three day joint training exercise out of the Redding office. The training event included all Timber staff from Redding, Rancho Cordova, and Fresno offices and staff from the State Water Board. The training effort focused on bringing the Central Valley Water Board's four new Timber staff up to speed with a one day in office training seminar followed by two days of field exercises. The training was well received by all who attended and fosters consistency within the Central Valley Water Board's three offices.

**PERSONNEL AND ADMINISTRATION  
PERSONNEL REPORT  
September 1, 2013 – October 31, 2013**

<u>Total Positions</u>	<u>Permenant</u>	<u>Temp</u>	<u>Vacancies</u>	<u>Gains</u>	<u>Lost</u>
259.7	213.7	37	9	7	8

Promotions:

None

Leave of Absence:

Lauria Molitoris

Return from LOA:

None

**Permanent Staff**

<b>Separations</b>	<b>New Hires</b>
Steven Zhao – SPA Kevin Kratzke – WRCE Rudy Schnagl – Sr. L & WU Scientist Cash – Sr EG	Shane Edmunds – EG Jeremy Pagan – WRCE Daniel Whitley - ES

**Temporary Help Staff**

Rajmir Rai Scott MacDonald Dustin Pearce Syreetta Thomas	Jordan Maeding Cindy Au Yeung Katherine Barksdale Liudmila Costisina
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**TRAINING REPORT  
September 1, 2013 – October 31, 2013**

<b><u>Course Title</u></b>	<b><u>Number of Attendees</u></b>
2013 CAFO Roundtable	10
8 hour Hazwoper Training	11
AED CPR - AHA Heartsaver AED Training	7
AED/CPR/First Aid	2
ATV Rider Course	1
California Aquatic Bioassessment Workgroup	1
Case Studies to Assess Potential Impacts of Hydraulic Facturing on Drinking Water	1
CASQA 2013 Conference	1
Configuring, Managing and Maintaining Windows Server 2008 R2 Servers	1
Construction Notice of Termination Training	2
Continuing Challenge Workshop - HAZMAT Workshop	2
Contracts Training	3
Course #300: Fundamental Inspector Course -Online Training (FIC)	1
Defensive Drivers Training	3
Editing and Proofreading	1
Environmental Enforcement Training	3
Ethics Orientation for State Officials	1
First Aid / CPR	1
First Aid Wilderness Injuries: Be Prepared	3
General Cram Training	1
Geo Symposium 2013 Webinar	1
Geology Symposium - Webinar	1
HAZWOPER - 40 Hours	1
ITRC Light Nonaqueous Phase Liquids: Science, Management and Technology	1

LNAPL online Training Parts 1, 2, and 3	2
National Environmental Policy Act Training	3
Nitrate Treatment Technology Workshop	1
NPDES Legal Issues	1
NPDES SIP Based Permit Writer	17
Onsite Wastewater Treatment System Technologies Overview	1
Onsite Wastewater Treatment System Technologies Overview	8
Performance Appraisal and the IDP	1
State of the Estuary Conference	2
State Supervisory Training Module 1:Role of Supervisor, Effective Communication	1
State Supervisory Training Module 2: Planning and Organizing, Legal Aspects	1
Taking Stormwater Quality Management to New Heights	3
Treating Pesticide and Chlorinated Solvent-Impacted Soils with Daramend Technology.	1
Water Recycling	13
What's new with In Situ Chemical Oxidation	1
Writing Skills for Analysts/Course	1

## **FISCAL REPORT**

State Board is in the process of updating and modifying the fiscal data tracking system. No budget or expenditure information is available at this time. The expectation is that the system will be updated and the reports will be available by the end of December.

Instead attached is a chart that displays FY 12-13 (last year's) expenditures. The chart shows the expenditures of each organizations within the Water Board for comparison purposes.

## FY 12-13 Year-End Expenditures

	RB 1	RB 2	RB 3	RB 4	RB 5	RB 6	RB 7	RB 8	RB 9	Total
Perm Positions	70.8	101.7	59.8	140	224.7	54.4	32	93.8	62	839.2
Pers. Services Allotment	\$8,228,158	\$12,975,512	\$7,383,223	\$17,763,068	\$27,865,232	\$6,909,283	\$4,122,298	\$7,607,019	\$7,616,575	\$100,470,368
Pers. Services Expenditure	\$7,800,779	\$12,467,477	\$7,247,574	\$16,534,152	\$27,117,476	\$6,983,841	\$4,106,573	\$7,104,700	\$7,329,523	\$96,692,095
<b>Savings/(Over Expenditure)</b>	<b>\$427,379</b>	<b>\$508,035</b>	<b>\$135,649</b>	<b>\$1,228,916</b>	<b>\$747,756</b>	<b>(\$74,558)</b>	<b>\$15,725</b>	<b>\$502,319</b>	<b>\$287,052</b>	<b>\$3,778,273</b>
Op. Exp. Allot.	\$190,586	\$301,533	\$153,346	\$342,952	\$1,003,553	\$1,469,160	\$113,672	\$157,745	\$168,583	\$3,901,130
Op. Exp. Expenditures	\$316,473	\$427,263	\$115,220	\$832,064	\$1,348,603	\$1,230,775	\$87,563	\$253,209	\$581,920	\$5,193,090
<b>Savings/(Over Expenditure)</b>	<b>(\$125,887)</b>	<b>(\$125,730)</b>	<b>\$38,126</b>	<b>(\$489,112)</b>	<b>(\$345,050)</b>	<b>\$238,385</b>	<b>\$26,109</b>	<b>(\$95,464)</b>	<b>(\$413,337)</b>	<b>(\$1,291,960)</b>
<b>Total Savings/Over Exp</b>	<b>\$301,492</b>	<b>\$382,305</b>	<b>\$173,775</b>	<b>\$739,804</b>	<b>\$402,706</b>	<b>\$163,827</b>	<b>\$41,834</b>	<b>\$406,855</b>	<b>(\$126,285)</b>	<b>\$2,486,313</b>
<b>Percent Expenditure</b>	<b>96.4%</b>	<b>97.1%</b>	<b>97.7%</b>	<b>95.9%</b>	<b>97.1%</b>	<b>98.0%</b>	<b>99.0%</b>	<b>94.8%</b>	<b>101.6%</b>	<b>97.6%</b>

	Exec.	OCC	Enf.	OIMA	OLPA	ORP	DAS	DFA	DIT	DWQ	Total	DWR
Perm Positions	20	40.4	30.2	40.4	16	13	104	153.6	28	117.3	562.9	108
Pers. Services Allotment	\$2,536,546	\$4,274,445	\$3,091,862	\$4,071,825	\$1,496,028	\$1,581,227	\$8,941,956	\$16,464,856	\$3,165,419	\$13,255,867	\$58,880,031	\$11,548,339
Pers. Services Expenditure	\$2,348,165	\$5,006,787	\$2,784,120	\$3,741,799	\$1,452,983	\$1,461,577	\$8,362,097	\$15,689,078	\$2,790,218	\$11,537,852	\$55,174,676	\$10,752,748
<b>Savings/(Over Expenditure)</b>	<b>\$188,381</b>	<b>(\$732,342)</b>	<b>\$307,742</b>	<b>\$330,026</b>	<b>\$43,045</b>	<b>\$119,650</b>	<b>\$579,859</b>	<b>\$775,778</b>	<b>\$375,201</b>	<b>\$1,718,015</b>	<b>\$3,705,355</b>	<b>\$795,591</b>
Op. Exp. Allot.	\$51,170	\$2,945,923	\$579,690	\$8,944,724	\$339,514	\$1,172,031	\$20,394,851	\$223,740,678	\$3,594,684	\$24,322,074	\$286,085,339	\$2,857,554
Op. Exp. Expenditures	\$41,707	\$3,059,764	\$496,935	\$8,737,206	\$248,034	\$592,585	\$21,374,236	\$186,564,450	\$3,540,347	\$17,943,471	\$242,598,744	\$2,185,312
<b>Savings/(Over Expenditure)</b>	<b>\$9,463</b>	<b>(\$113,841)</b>	<b>\$82,755</b>	<b>\$207,518</b>	<b>\$91,480</b>	<b>\$579,446</b>	<b>(\$979,385)</b>	<b>\$37,176,219</b>	<b>\$54,337</b>	<b>\$6,378,603</b>	<b>\$43,486,595</b>	<b>\$672,242</b>
<b>Total Savings/Over Exp</b>	<b>\$197,844</b>	<b>(\$846,183)</b>	<b>\$390,055</b>	<b>\$537,544</b>	<b>\$134,525</b>	<b>\$699,096</b>	<b>(\$399,526)</b>	<b>\$37,951,997</b>	<b>\$429,538</b>	<b>\$8,096,618</b>	<b>\$47,191,508</b>	<b>\$1,467,833</b>
<b>Percent Expenditure</b>	<b>92.4%</b>	<b>111.7%</b>	<b>89.4%</b>	<b>95.9%</b>	<b>92.7%</b>	<b>74.6%</b>	<b>101.4%</b>	<b>84.2%</b>	<b>93.7%</b>	<b>78.5%</b>	<b>86.4%</b>	<b>89.8%</b>

WQ - \$7,483,628 unspent in personal services. (@90k per PY = 83 positions)

## **FUTURE BOARD ACTIVITIES**

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

### **JANUARY 2014 BOARD MEETING – LOS BANOS**

#### **IRRIGATED LANDS REGULATORY PROGRAM**

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

### **FEBRUARY 2014 BOARD MEETING**

#### **NPDES PROGRAM-PERMITTING**

- Calaveras County Water District Forest Meadows WWTP Permit Renewal
- San Andreas Sanitary District WWTP Time Schedule Order
- City of Shasta Lake WWTP Permit Renewal
- City of Anderson WWTP Permit Renewal
- SPX Marley Groundwater Treatment System Permit Renewal
- City of Rio Vista Beach WWTP Permit Renewal
- City of Placerville Hangtown Creek WWTP Permit Renewal
- City of Lincoln WWTP Permit Renewal
- Deuel Vocational Institution WWTP Permit Renewal
- City of Clovis WWTP Permit Renewal
- City of Alturas WWTP Permit Renewal
- Burney Forest Products Permit Renewal
- Tehama Co/Mineral WWTP Permit Renewal

#### **STORM WATER PROGRAM - PERMITTING**

- Port of Stockton Storm Water Management Plan Approval
- City of Stockton/ San Joaquin County Development Standards Manual Approval

#### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND**

- Baker Commodities, Kerman (Revised WDRs)
- O'Neill Beverage Company Reedley Winery (Revised WDRs)
- Panoche Energy LLC (New WDRs)
- GWF Henrietta (New WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Sanger WWTF
- The Wine Group, Franzia-Sanger (Revised WDRs)
- Oakwood Lake Water District (Resolution or Amended WDRs)
- Hughson Nut (New WDRs)
- So. San Joaquin Irrigation District, DeGroot Water Treatment Plant (New WDRs)
- California Nuggets, Ripon Corn Processing Facility, (New WDRs)
- Compost Solutions (Revised WDRs)
- Shasta Renewable Resources LLC (New WDRs)
- Pacific Coast Producers Inc., Oroville Processing Facility (Revised WDRs)

#### **LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27**

- SPI Martell (Revised WDRs)
- McCourtney Landfill (Revised WDRs)
- Forward Landfill (Revised WDRs)
- Walker Mine (CAO)
- Mount Diablo Mercury Mine (CAO)

## **MARCH 2014 BOARD MEETING**

### **NPDES PROGRAM-PERMITTING**

- City of Stockton Regional Wastewater Control Facility Permit Renewal
- Bell Carter Olive Company Industrial WWTP Permit Renewal
- City of Roseville, Dry Creek WWTP Permit Renewal
- City of Roseville, Pleasant Grove WWTP Permit Renewal
- McClellan Air Force Base Groundwater Cleanup Permit Renewal
- City of Visalia WWTP Permit Renewal
- Mariposa PUD WWTF Permit Renewal
- Tuolumne Utilities District NPDES Permit Rescission
- Mather AFB Groundwater Treatment System NPDES Permit Rescission
- City of Turlock WWTP Time Schedule Order

### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND**

- Delhi WWTF (Revised WDRs)
- Delano Growers Grape Products (Revised WDRs)
- Mendota, City of (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)
- Colusa Industrial Properties, CIP Industrial Wastewater Facility (Revised WDRs)
- Wilbur Packing, Yuba City Prune Processing Facility (New WDRs)

## **JUNE 2014 BOARD MEETING**

### **NPDES PROGRAM-PERMITTING**

- City of Vacaville Easterly WWTP Permit Renewal
- El Dorado Irrigation District, Deer Creek WWTP Permit Renewal
- City of Williams WWTP Permit Renewal
- Town of Discovery Bay WWTP Permit Renewal
- City of Merced WWTF Permit Renewal
- Yosemite National Park, El Portal WWTF Permit Renewal
- J.F. Shea/Fawndale Permit Renewal
- Lehigh Southwest Cement Permit Renewal
- SPI-Burney Permit Renewal

### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND**

- Sunny Gem Almond Plant, Kern (New WDRs)
- Paramount Farms, King Facility (Revised WDRs)
- Bianchi Vineyards (Revised WDRs)
- Sacramento Rendering Company, Sacramento Rendering Facility (Revised WDRs)
- City of Dixon, Dixon WWTF (Revised WDRs)

## **PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING**

### **NPDES PROGRAM – PERMITTING**

- 16 to 1 Mine Permit Issuance
- City of Live Oak WWTP Permit Amendment
- Crystal Creek Aggregate Inc. Permit Renewal
- Sierra Pacific Industries-Quincy Permit Renewal
- SWA at Mountain Gate – Permit Renewal
- University of California, Davis Aquatic Weed Lab Permit Rescission
- Community Drinking Water Systems General Order
- Stallion Springs Permit Renewal
- San Andreas Sanitary District WWTP Permit Renewal
- Malaga CWD Permit Renewal

### **WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND**

- Del Monte Plant 24 (Revised WDRs)

- Fresno County Service Area 31B and 41 Shaver Lake (Revised WDRs)
- Rancho Murieta Wastewater Treatment Facility (Revised WDRs)
- The Wine Group McFarland Winery (Revised WDRs)
- Seneca Mine (New WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)
- City of Redding, Redding Power (Revised WDRs)
- USDI National Park Service, Whiskey Creek Recreation Area (Revised WDRs)
- USDI National Park Service, Oak Bottom Recreation Area (Revised WDRs)
- Berrendos CSD Treatment System (Revised WDRs)
- Butte CSA, Stirling City Ponds (Revised WDRs)
- CA Department of Parks and Recreation, Woodson Bridge State Park (Revised WDRs)
- CA Department of Parks and Recreation, Castle Crags State Park (Revised WDRs)
- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- Fred Dewart, Golden Oaks MHP (Revised WDRs)
- Golden Feather School District, Spring Valley School (Revised WDRs)
- USDA Forest Service, Canby Ranger Station (Revised WDRs)
- CA Department of Forestry, Devils Garden Conservation Camp (Revised WDRs)
- CA Department of Forestry, Valley View Conservation Camp (Revised WDRs)
- City of Farmersville (Revised WDRs)
- Gateway Village WWTF (New WDRs)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- City of Newman, Newman WWTF (Revised WDRs)
- Syngenta Seed, Woodland Seed Processing Facility (Revised WDRs)
- City of Lathrop, Lathrop/Califia WWTF (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)

#### **LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27**

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

#### **STORM WATER PROGRAM – PERMITTING**

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

ATTACHMENT A

Sanitary Sewer Spills - Summary Report

Count of Spills 31 August - 31 October 2013

Count of Spills	5F			5F Total	5R			5R Total	5S			5S Total	Grand Total
Start Date	Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		Category 1	Category 2	Category 3		
August/September	0	0	0	0	2	0	3	5	3	0	138	141	
October	1	0	7	8	0	1	1	2	8	1	25	34	
<b>Grand Total</b>	<b>1</b>	<b>0</b>	<b>7</b>	<b>8</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>7</b>	<b>11</b>	<b>1</b>	<b>163</b>	<b>175</b>	<b>190</b>

Spill Cause	Count of Spills
Root Intrusion	117
Debris-General	25
Grease Deposition (FOG)	17
Pipe Structural Problem/Failure	7
Debris-Rags	5
Debris from Lateral	5
Other	5
Debris from Construction	2
Pump Station Failure-Controls	2
Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure	1
Damage Done by Others Not Related to CS Const/Maint.	1
Pipe Structural Problem/Failure - Installation	1
Pump Station Failure-Mechanical	1
Vandalism	1
<b>Grand Total</b>	<b>190</b>

**Category 1:** Discharges of untreated or partially treated wastewater of any volume resulting from an enrollee's sanitary sewer system failure or flow condition that:

Reach surface water and/or reach a drainage channel tributary to a surface water; or

Reach a Municipal Separate Storm Sewer System (MS4) and are not fully captured and returned to the sanitary sewer system or not otherwise captured and disposed of properly. Any volume of wastewater not recovered from the

MS4 is considered to have reached surface water unless the storm drain system discharges to a dedicated storm water or groundwater infiltration basin (e.g.,

**Category 2:** Discharges of untreated or partially treated wastewater of 1,000 gallons or greater resulting from an enrollee's sanitary sewer system failure or flow condition that do not reach surface water, a drainage channel, or a MS4 unless the entire SSO discharged to the storm drain system is fully recovered and disposed of properly

**Category 3:** All other discharges of untreated or partially treated wastewater resulting from an enrollee's sanitary sewer system failure or flow condition

Region	Collection System	Spill ID	Certified 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	Sacramento Area Sewer District CS	799840	Certified	Category 1	94277	Sacramento	Yes	19,800	18,300	10/14/13	Grease Deposition (FOG)
5R	Gridley CS	800163	Certified	Category 2	.7 miles south of E. Gridley Rd. and apx. 50 ft. ea	Butte	No	18,000	0	10/21/13	Damage by Others Not Related to CS Construction/Maintenance
5S	City of Stockton MUD CS	799657	Certified	Category 1	105 Edan Ave.	San Joaquin	Yes	6,000	5,760	10/08/13	Debris-General
5S	Sacramento Area Sewer District CS	799805	Certified	Category 1	94242	Sacramento	Yes	3,224	1,404	10/13/13	Root Intrusion
5S	Jamestown SD CS	800369	Certified	Category 1	18152 7th Ave	Tuolumne	Yes	2,500	2,000	10/24/13	Vandalism
5S	City of Stockton MUD CS	798604	Certified	Category 1	8538 Kelley Drive	San Joaquin	Yes	2,250	2,250	09/09/13	Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure
5S	City of Stockton MUD CS	799012	Certified	Category 1	125 Della Street	San Joaquin	Yes	1,800	900	09/18/13	Debris from Lateral
5S	City of Stockton MUD CS	799392	Certified	Category 2	2008 Cedar Way, Stockton	San Joaquin	No	1,509	0	10/03/13	Root Intrusion
5S	Deer Creek CS	799845	Certified	Category 3	DC-2013-10-08	El Dorado	No	900	0	10/11/13	Debris from Construction
5S	Modesto CS	799561	Certified	Category 3	1136 Spring Creek Dr	Stanislaus	No	893	0	10/06/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	799562	Certified	Category 1	93724	Sacramento	Yes	820	750	10/04/13	Grease Deposition (FOG)
5S	Jamestown SD CS	800424	Certified	Category 3	11120 Golf Links Road	Tuolumne	No	700	0	10/24/13	Root Intrusion
5S	Hangtown Creek CS	800296	Certified	Category 1	Turner Street at Main Street	El Dorado	Yes	685	40	10/06/13	Debris-General
5S	Sacramento Area Sewer District CS	799929	Certified	Category 3	93317	Sacramento	No	634	0	09/20/13	Root Intrusion
5R	Red Bluff CS	798406	Certified	Category 1	1730 Southridge	Tehama	No	600	100	08/31/13	Grease deposition (FOG)
5S	Southeast Regional Waste Disp Fac CS	799466	Certified	Category 3	14903 Lakeshore, Clearlake, CA	Lake	No	450	0	10/05/13	Grease Deposition (FOG)
5S	Modesto CS	799217	Certified	Category 3	1720 Gaviota Wy	Stanislaus	No	408	0	09/22/13	Grease Deposition (FOG)
5F	Los Banos City CS	798470	Certified	Category 3	Manhole in planter near 700 Block of Page Aven	Merced	No	400	0	08/31/13	Other
5S	Hangtown Creek CS	800298	Certified	Category 3	1117 Madrone Lane Placerville, CA	El Dorado	No	400	0	10/06/13	Root Intrusion
5S	Olivehurst CS	800458	Certified	Category 3	1629 2nd St	Yuba	No	355	0	10/30/13	Root Intrusion
5S	South Placer Mud CS	799656	Certified	Category 3	2720 Angeles Court, Rocklin CA	Placer	No	350	0	09/24/13	Root Intrusion
5S	SMD No. 1 CS	800134	Certified	Category 1	160 Kellie Lane	Placer	Yes	330	40	10/19/13	Debris from Lateral
5S	City Of Auburn CS	800413	Certified	Category 1	160 Wescott CT SSO	Placer	Yes	300	300	10/21/13	Root Intrusion
5R	Red Bluff CS	799270	Certified	Category 1	605 HOMESTEAD DR Red Bluff Ca 96080	Tehama	Yes	250	225	09/29/13	Debris-General
5S	City Of Auburn CS	800248	Certified	Category 3	170 Aeolia DR SSO	Placer	No	240	0	09/27/13	Pipe Structural Problem/Failure
5S	City of Stockton MUD CS	799833	Certified	Category 3	602 E Garner Ln	San Joaquin	No	230	0	10/14/13	Pipe Structural Problem/Failure
5F	City of Orange Cove CS	798409	Certified	Category 3	B STREET	Fresno	No	228	0	09/01/13	Grease deposition (FOG)
5S	Sacramento Area Sewer District CS	800338	Certified	Category 3	92746	Sacramento	No	208	0	09/20/13	Root Intrusion
5S	City Of Folsom CS	799395	Certified	Category 3	301 Leidesdorff St	Sacramento	No	200	0	10/01/13	Debris-General
5S	Olivehurst CS	799978	Certified	Category 3	Bigalow Drive	Yuba	No	200	0	10/18/13	Root Intrusion
5S	Modesto CS	799763	Certified	Category 3	631 Duncan Ave	Stanislaus	No	160	0	10/11/13	Grease Deposition (FOG)
5F	Taft City CS	799345	Certified	Category 3	Taft College Daycare Facility	Kern	No	150	0	10/02/13	Debris-Rags
5R	Lake Oroville Area PUD CS	799318	Certified	Category 3	1964 Idora Street, Oroville, CA 95966	Butte	No	149	0	09/10/13	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	800240	Certified	Category 3	92723	Sacramento	No	143	0	09/20/13	Root Intrusion
5S	City of Sacramento Utilities CS	798969	Certified	Category 3	1000 FRONT STREET	Sacramento	No	136	0	09/20/13	Grease Deposition (FOG)
5F	City of Fresno CS	800417	Certified	Category 3	MH 1461-01	Fresno	No	127	0	09/03/13	Debris from Construction
5S	City of Stockton MUD CS	798614	Certified	Category 3	4486 Cotton Ct, Stockton Ca	San Joaquin	No	118	0	09/07/13	Debris-General
5S	Lathrop CS to Manteca WQCF CS	800276	Certified	Category 3	651 Mingo Way	San Joaquin	No	110	0	10/25/13	Debris-General
5S	El Dorado Hills CS	798429	Certified	Category 1	EDH-2013-09-03	El Dorado	Yes	100	90	09/03/13	Debris-General
5F	City Of Bakersfield CS	799085	Certified	Category 3	Reynosa Ave & Cerralvo	Kern	No	100	0	09/23/13	Pump Station Failure-Controls
5S	Sacramento Area Sewer District CS	799866	Certified	Category 3	92595	Sacramento	No	100	0	09/15/13	Root Intrusion
5S	Yuba City CS	799856	Certified	Category 3	786 Woodhurst Court, Yuba city, CA 95991	Sutter	No	86	0	10/12/13	Debris-General
5R	Shasta Lake CS	800402	Certified	Category 3	Manhole A-10	Shasta	No	75	0	10/08/13	Root Intrusion
5S	City of Stockton MUD CS	798645	Certified	Category 3	1001 Burkett Ave, Stockton ca	San Joaquin	No	70	0	09/09/13	Debris-General
5S	City of Stockton MUD CS	800024	Certified	Category 3	9403 Parrish Ln	San Joaquin	No	67	0	10/19/13	Debris-General
5S	City of Woodland CS	798805	Certified	Category 3	58 Buckeye St.	Yolo	No	65	0	09/14/13	Root Intrusion
5S	City of Stockton MUD CS	798597	Certified	Category 3	2130 N. Hunter St.	San Joaquin	No	62	0	09/07/13	Debris-General
5S	City Of Antioch CS	799669	Certified	Category 3	2400 Poplar Drive	Contra Costa	No	60	0	09/17/13	Debris from Lateral
5S	Sacramento Area Sewer District CS	799418	Certified	Category 3	92988	Sacramento	No	60	0	09/25/13	Debris-General
5S	Grass Valley City CS	800154	Certified	Category 3	539 Scadden Dive	Nevada	No	60	0	10/23/13	Debris-Rags
5S	Sacramento Area Sewer District CS	800010	Certified	Category 3	91422	Sacramento	No	58	0	09/01/13	Root Intrusion
5S	Modesto CS	800006	Certified	Category 3	2213 Peppermint Dr	Stanislaus	No	55	0	10/20/13	Grease Deposition (FOG)
5S	City of Woodland CS	798801	Certified	Category 3	1311 Van Bueren Pl.	Yolo	No	52	0	09/13/13	Debris from Lateral
5R	Shasta Lake CS	799409	Certified	Category 3	2152 Grand Coulee Bvd Manhole A13	Shasta	No	50	0	09/15/13	Debris-General

Region	Collection System	Spill ID	Certified 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
5R	City of Orland CS	798621	Certified	Category 3	Third Street Alley	Glenn	No	50	0	09/10/13	Debris-Rags
5S	Lincoln CS	799675	Certified	Category 3	593 Fifth Street	Placer	No	50	0	10/07/13	Grease Deposition (FOG)
5F	Selma-Kingsburg-Fowler CS	799607	Certified	Category 1	1450 7th Ave Kingsburg, Ca 93631	Fresno	Yes	50	50	10/04/13	Other
5F	City of Fresno CS	800411	Certified	Category 3	MH 758-22	Fresno	No	45	0	09/12/13	Pump Station Failure-Controls
5S	Sacramento Area Sewer District CS	800361	Certified	Category 3	93171	Sacramento	No	40	0	09/27/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	800206	Certified	Category 3	91935	Sacramento	No	38	0	09/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800331	Certified	Category 3	91524	Sacramento	No	32	0	09/03/13	Root Intrusion
5S	City of Stockton MUD CS	799328	Certified	Category 3	9036 Cavendish Ct.	San Joaquin	No	31	0	10/01/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799401	Certified	Category 3	91394	Sacramento	No	30	0	08/31/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800335	Certified	Category 3	92741	Sacramento	No	30	0	09/22/13	Root Intrusion
5S	Sacramento Intl Airport CS	798986	Certified	Category 3	Plaza A Employee Parking	Sacramento	No	30	0	09/23/13	Root Intrusion
5S	City Of Brentwood CS	798698	Certified	Category 3	621 Second St	Contra Costa	No	29	0	09/10/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	800225	Certified	Category 3	93286	Sacramento	No	28	0	09/28/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800247	Certified	Category 3	92735	Sacramento	No	25	0	09/22/13	Debris-General
5S	San Andreas CS	799906	Certified	Category 3	C.O. I-310b	Calaveras	No	25	0	10/16/13	Debris-General
5S	Modesto CS	799775	Certified	Category 3	1213 I Street	Stanislaus	No	25	0	10/13/13	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	799860	Certified	Category 3	93221	Sacramento	No	25	0	09/26/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800200	Certified	Category 3	91827	Sacramento	No	25	0	09/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799862	Certified	Category 3	92671	Sacramento	No	23	0	09/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799870	Certified	Category 3	92376	Sacramento	No	20	0	09/15/13	Debris-General
5S	City of Stockton MUD CS	798522	Certified	Category 3	10 Swain Rd. Stockton Ca. 95206	San Joaquin	No	20	0	09/04/13	Debris-General
5S	Sacramento Area Sewer District CS	800002	Certified	Category 3	91417	Sacramento	No	20	0	09/02/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800196	Certified	Category 3	91820	Sacramento	No	20	0	09/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800246	Certified	Category 3	92734	Sacramento	No	20	0	09/21/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800333	Certified	Category 3	92328	Sacramento	No	20	0	09/15/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800221	Certified	Category 3	93033	Sacramento	No	18	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800224	Certified	Category 3	93069	Sacramento	No	18	0	09/25/13	Root Intrusion
5S	City of Stockton MUD CS	798627	Certified	Category 3	1315 E. Main st, Stockton Ca	San Joaquin	No	18	0	09/08/13	Root Intrusion
5S	City of Stockton MUD CS	799220	Certified	Category 3	8411 Trianon Ct	San Joaquin	No	17	0	09/27/13	Grease Deposition (FOG)
5S	City of Sacramento Utilities CS	799159	Certified	Category 3	3736 SCHUTT WAY	Sacramento	No	17	0	09/25/13	Root Intrusion
5S	City Of Antioch CS	799668	Certified	Category 3	320 W Tregallas	Contra Costa	No	15	0	09/11/13	Debris-General
5S	Dry Creek CS	799695	Certified	Category 3	528 Royer Street	Placer	No	15	0	09/10/13	Root Intrusion
5S	Manteca CS	800034	Certified	Category 3	Poplar	San Joaquin	No	13	0	09/06/13	Debris-General
5S	City of Stockton MUD CS	799837	Certified	Category 3	2421 Sandalwood Dr	San Joaquin	No	13	0	10/15/13	Debris-General
5S	City Of Antioch CS	799672	Certified	Category 3	1205 Monterey Drive	Contra Costa	No	12	0	09/25/13	Debris from Lateral
5S	Manteca CS	800035	Certified	Category 3	466 Tammy	San Joaquin	No	12	0	09/02/13	Debris-General
5S	Sacramento Area Sewer District CS	799864	Certified	Category 3	92666	Sacramento	No	12	0	09/18/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799867	Certified	Category 3	92494	Sacramento	No	12	0	09/17/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799873	Certified	Category 3	92322	Sacramento	No	12	0	09/15/13	Root Intrusion
5S	City of Woodland CS	798830	Certified	Category 3	174 Sierra Street	Yolo	No	12	0	09/14/13	Root Intrusion
5S	City of Stockton MUD CS	799221	Certified	Category 3	2347 Chapel Hill Ci	San Joaquin	No	11	0	09/27/13	Root Intrusion
5S	Dry Creek CS	799692	Certified	Category 3	116 Berry Street	Placer	No	10	0	09/04/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799414	Certified	Category 3	92301	Sacramento	No	10	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799930	Certified	Category 3	93209	Sacramento	No	10	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800193	Certified	Category 3	91814	Sacramento	No	10	0	09/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800197	Certified	Category 3	91824	Sacramento	No	10	0	09/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800355	Certified	Category 3	92831	Sacramento	No	10	0	09/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800357	Certified	Category 3	92853	Sacramento	No	10	0	09/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800192	Certified	Category 3	91811	Sacramento	No	9	0	09/07/13	Pipe Structural Problem/Failure
5S	Dry Creek CS	798837	Certified	Category 3	801 Main Street	Placer	No	9	0	09/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800198	Certified	Category 3	91826	Sacramento	No	9	0	09/08/13	Root Intrusion
5S	Dry Creek CS	799444	Certified	Category 3	311 Evelyn Avenue	Placer	No	8	0	09/03/13	Debris-Rags
5S	Sacramento Area Sewer District CS	799858	Certified	Category 3	93229	Sacramento	No	8	0	09/28/13	Root Intrusion

Region	Collection System	Spill ID	Certified 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	Sacramento Area Sewer District CS	800194	Certified	Category 3	91816	Sacramento	No	8	0	09/07/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800222	Certified	Category 3	93061	Sacramento	No	8	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800336	Certified	Category 3	92551	Sacramento	No	7	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799861	Certified	Category 3	93216	Sacramento	No	6	0	09/28/13	Debris-General
5S	Sacramento Area Sewer District CS	799871	Certified	Category 3	92327	Sacramento	No	6	0	09/15/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800203	Certified	Category 3	91835	Sacramento	No	6	0	09/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800207	Certified	Category 3	92062	Sacramento	No	6	0	09/10/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800343	Certified	Category 3	93264	Sacramento	No	6	0	09/29/13	Root Intrusion
5S	City Of Stockton MUD CS	799532	Certified	Category 3	3239 Castellon wy.	San Joaquin	No	5	0	10/07/13	Grease Deposition (FOG)
5S	City Of Antioch CS	799674	Certified	Category 3	2887 Dandelion Circle	Contra Costa	No	5	0	10/08/13	Pipe Structural Problem/Failure
5S	City Of Antioch CS	799677	Certified	Category 3	3017 Windsor Drive	Contra Costa	No	5	0	10/04/13	Pipe Structural Problem/Failure
5F	Atwater CS	799796	Certified	Category 3	Shaffer Lift Station	Merced	No	5	0	09/11/13	Pump Station Failure-Mechanical
5S	Sacramento Area Sewer District CS	799865	Certified	Category 3	92644	Sacramento	No	5	0	09/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799931	Certified	Category 3	93187	Sacramento	No	5	0	09/27/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800191	Certified	Category 3	91766	Sacramento	No	5	0	09/06/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800201	Certified	Category 3	91828	Sacramento	No	5	0	09/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800202	Certified	Category 3	91832	Sacramento	No	5	0	09/08/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800217	Certified	Category 3	92311	Sacramento	No	5	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800219	Certified	Category 3	92313	Sacramento	No	5	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800223	Certified	Category 3	93067	Sacramento	No	5	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800245	Certified	Category 3	92733	Sacramento	No	5	0	09/22/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800337	Certified	Category 3	92594	Sacramento	No	5	0	09/18/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800349	Certified	Category 3	92406	Sacramento	No	5	0	09/16/13	Root Intrusion
5S	Grass Valley City CS	798776	Certified	Category 3	225 South Auburn Street	Nevada	No	4	0	09/12/13	Debris-Rags
5S	Sacramento Area Sewer District CS	799859	Certified	Category 3	93225	Sacramento	No	4	0	09/28/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800000	Certified	Category 3	92186	Sacramento	No	4	0	09/11/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800358	Certified	Category 3	92858	Sacramento	No	4	0	09/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799938	Certified	Category 3	93084	Sacramento	No	3	0	09/26/13	Debris-General
5S	City of Stockton MUD CS	800112	Certified	Category 3	2245 Lido Ci	San Joaquin	No	3	0	10/19/13	Debris-General
5S	City Of Folsom CS	799187	Certified	Category 3	302 Leidesdorff St	Sacramento	No	3	0	09/17/13	Pipe Structural Problem/Failure
5S	Manteca CS	798770	Certified	Category 3	1214 camden ct	San Joaquin	No	3	0	08/31/13	Pipe Structural Problem/Failure - Installation
5S	City Of Folsom CS	799394	Certified	Category 3	310 Silberhorn Dr	Sacramento	No	3	0	09/20/13	Root Intrusion
5S	Dry Creek CS	799698	Certified	Category 3	509 Royer St	Placer	No	3	0	09/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	798965	Certified	Category 3	91385	Sacramento	No	3	0	08/31/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799868	Certified	Category 3	92424	Sacramento	No	3	0	09/16/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800214	Certified	Category 3	92145	Sacramento	No	3	0	09/10/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800215	Certified	Category 3	92185	Sacramento	No	3	0	09/11/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800238	Certified	Category 3	92674	Sacramento	No	3	0	09/20/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800332	Certified	Category 3	92276	Sacramento	No	3	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800346	Certified	Category 3	93234	Sacramento	No	3	0	09/28/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800350	Certified	Category 3	92796	Sacramento	No	3	0	09/23/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800014	Certified	Category 3	91577	Sacramento	No	2	0	09/01/13	Other
5S	Sacramento Area Sewer District CS	800220	Certified	Category 3	92401	Sacramento	No	2	0	09/16/13	Other
5S	Sacramento Area Sewer District CS	799412	Certified	Category 3	92291	Sacramento	No	2	0	09/13/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799417	Certified	Category 3	92331	Sacramento	No	2	0	09/15/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799863	Certified	Category 3	92670	Sacramento	No	2	0	09/19/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799935	Certified	Category 3	93105	Sacramento	No	2	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	799936	Certified	Category 3	93104	Sacramento	No	2	0	09/25/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800001	Certified	Category 3	91409	Sacramento	No	2	0	09/02/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800009	Certified	Category 3	91419	Sacramento	No	2	0	09/02/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800012	Certified	Category 3	91547	Sacramento	No	2	0	09/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800186	Certified	Category 3	91487	Sacramento	No	2	0	09/03/13	Root Intrusion
5S	Sacramento Area Sewer District CS	800187	Certified	Category 3	91623	Sacramento	No	2	0	09/05/13	Root Intrusion

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55	Sacramento Area Sewer District CS	800190	Certified	Category 3	91751	Sacramento	No	2	0	09/06/13	Root Intrusion
55	Sacramento Area Sewer District CS	800205	Certified	Category 3	91908	Sacramento	No	2	0	09/09/13	Root Intrusion
55	Sacramento Area Sewer District CS	800213	Certified	Category 3	92144	Sacramento	No	2	0	09/11/13	Root Intrusion
55	Sacramento Area Sewer District CS	800218	Certified	Category 3	92312	Sacramento	No	2	0	09/14/13	Root Intrusion
55	Sacramento Area Sewer District CS	800239	Certified	Category 3	92708	Sacramento	No	2	0	09/20/13	Root Intrusion
55	Sacramento Area Sewer District CS	800340	Certified	Category 3	93413	Sacramento	No	2	0	09/30/13	Root Intrusion
55	Sacramento Area Sewer District CS	800347	Certified	Category 3	93173	Sacramento	No	2	0	09/27/13	Root Intrusion
55	Sacramento Area Sewer District CS	800351	Certified	Category 3	92806	Sacramento	No	2	0	09/23/13	Root Intrusion
55	Sacramento Area Sewer District CS	800188	Certified	Category 3	91653	Sacramento	No	1	0	09/05/13	Debris-General
55	Sacramento Area Sewer District CS	800352	Certified	Category 3	92813	Sacramento	No	1	0	09/23/13	Grease Deposition (FOG)
55	Ironhouse Sanitary District CS	799451	Certified	Category 3	214 East Home Street, Oakley	Contra Costa	No	1	0	09/30/13	Other
55	Davis CS	799233	Certified	Category 3	1004 L street Davis CA 95616	Yolo	No	1	0	09/26/13	Root Intrusion
55	Sacramento Area Sewer District CS	799390	Certified	Category 3	91391	Sacramento	No	1	0	09/01/13	Root Intrusion
55	Sacramento Area Sewer District CS	799391	Certified	Category 3	91866	Sacramento	No	1	0	09/07/13	Root Intrusion
55	Sacramento Area Sewer District CS	799874	Certified	Category 3	92317	Sacramento	No	1	0	09/14/13	Root Intrusion
55	Sacramento Area Sewer District CS	800005	Certified	Category 3	91418	Sacramento	No	1	0	09/02/13	Root Intrusion
55	Sacramento Area Sewer District CS	800015	Certified	Category 3	91594	Sacramento	No	1	0	09/04/13	Root Intrusion
55	Sacramento Area Sewer District CS	800162	Certified	Category 3	93409	Sacramento	No	1	0	10/01/13	Root Intrusion
55	Sacramento Area Sewer District CS	800189	Certified	Category 3	91719	Sacramento	No	1	0	09/05/13	Root Intrusion
55	Sacramento Area Sewer District CS	800195	Certified	Category 3	91818	Sacramento	No	1	0	09/07/13	Root Intrusion
55	Sacramento Area Sewer District CS	800208	Certified	Category 3	92075	Sacramento	No	1	0	09/10/13	Root Intrusion
55	Sacramento Area Sewer District CS	800209	Certified	Category 3	92086	Sacramento	No	1	0	09/10/13	Root Intrusion
55	Sacramento Area Sewer District CS	800210	Certified	Category 3	92107	Sacramento	No	1	0	09/11/13	Root Intrusion
55	Sacramento Area Sewer District CS	800216	Certified	Category 3	92240	Sacramento	No	1	0	09/12/13	Root Intrusion
55	Sacramento Area Sewer District CS	800241	Certified	Category 3	92726	Sacramento	No	1	0	09/21/13	Root Intrusion
55	Sacramento Area Sewer District CS	800243	Certified	Category 3	92730	Sacramento	No	1	0	09/21/13	Root Intrusion
55	Sacramento Area Sewer District CS	800341	Certified	Category 3	93325	Sacramento	No	1	0	09/29/13	Root Intrusion
55	Sacramento Area Sewer District CS	800356	Certified	Category 3	92852	Sacramento	No	1	0	09/22/13	Root Intrusion
55	Sacramento Area Sewer District CS	800359	Certified	Category 3	92881	Sacramento	No	1	0	09/24/13	Root Intrusion
55	Sacramento Area Sewer District CS	800360	Certified	Category 3	92910	Sacramento	No	1	0	09/24/13	Root Intrusion