

California Regional Water Quality Control Board
Central Valley Region

Pamela Creedon, Executive Officer



EXECUTIVE OFFICER'S REPORT
June 5/6, 2014

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SUCCESS STORIES

1. **Rescission of CAO - Coarsegold Village Limited Partnership, Oakcreek Mobile Home Park, Madera County.** On 7 November 2008, the Executive Officer issued Cleanup and Abatement Order R5-2008-0708 (CAO) to Coarsegold Village Limited Partnership, the owner of the Oak Creek Mobile Home Park. The Discharger was issued the CAO to address nuisance odor conditions created by deficiencies in the Park's sewage collection and treatment systems. Since the issuance of the CAO, the Discharger has upgraded its treatment facility and installed a new lift station, abating odors experienced by nearby residents. The recent Board inspections have confirmed that the tasks specified in the CAO have been completed. Board staff notified Park residents of the proposed rescission. The CAO was rescinded by letter of 5 May 2014.

2. **CLEAN-UP SITES SUCCESSFULLY CLOSED-NO FURTHER ACTION REQUIRED**

A&A Transport, 1955 E. Pacheco Blvd, Los Banos, Merced County

The site included several diesel aboveground storage tanks (ASTs), and equipment maintenance and storage facilities. All structures and improvements were removed from the site. The ASTs were removed and soil degraded by diesel beneath the tanks was excavated to first encountered groundwater. Low concentrations of diesel were detected in a downgradient monitoring well, but were not detected in a monitoring well further downgradient. Diesel concentrations detected in groundwater were low, stable, and limited to the site. The consultant, Geosyntec Consultants, stated in a closure report that the negligible amount of petroleum hydrocarbon constituents remaining in soil does not pose a significant threat to human health, groundwater, or the environment.

Former Sperry New Holland Facility, 7595 E. Manning Avenue, Fowler, Fresno County.

A no further action determination was issued on 2 May 2014 for the former Sperry New Holland site at 7595 E. Manning Avenue, Fowler, and Fresno County. A manufacturing facility historically operated at the site and wastewater was disposed of to an onsite pond. Soil with elevated concentrations of lead was scraped from the bottom of the pond and stockpiled in the southeastern portion of the site. Sperry New Holland personnel indicated that the soil with lead had been removed from the site, but no documentation was available. Shallow soil samples were collected in the area where the lead degraded soil had been stockpiled and only background levels of lead were detected. Historical reports indicated that groundwater had not been significantly degraded by the onsite pond. A report by Geosyntec Consultants, Inc., stated that the site does not pose a threat to human health or the environment and recommended no further action status for the site.

Ganduglia Trucking, 4737 E. Florence Avenue, Fresno, Fresno County

A no further action determination was issued on 1 November 2013 for the Ganduglia Trucking site, 4737 E. Florence Avenue, Fresno, Fresno County. The site was originally inspected in the mid 1980's after a complaint that the site had a wastewater pond that was overflowing into an adjacent stormwater basin. Soil and water samples collected from the pond at that time indicated it was not a toxic pit. The site was re-inspected on 24 October 2013. The wastewater pond had been removed and no concerns regarding the original cleanup case were noted.

144th Fighter Wing, California Air National Guard, Fresno, Fresno County

A Site Investigation report, dated 7 January 2014, summarized an assessment of potential environmental concerns regarding several oil/water separators (OWSs) and underground storage tanks (USTs) in addition to a hydraulic lift and a battery acid neutralizing pit. No constituents of concern were detected in soil samples at concentrations greater than the project screening goals. As such, the OWSs, USTs, former hydraulic lift, and battery acid neutralization pit qualified for no further action required status. A closure letter was issued on 15 January 2014.

Underground Fuel Storage Tank (UST) Activities, Bivouac Area, Formerly Used Defense Site (FUDS) Mount Owens Rifle Range, Clovis, Fresno County. Two diesel fuel concrete USTs and approximately 750 feet of associated pipelines serviced eight latrines in the Bivouac Area of the former Mount Owens Rifle Range, which was a WWII era combat training facility. The former facility is located in cattle range land along the foothills north of Clovis. The USTs, piping, and approximately 470 cubic yards of petroleum hydrocarbon impacted soil were removed and disposed of off-site. Groundwater assessments established

that a groundwater plume extended as two lobes, one extending 250 feet to the southwest and the other 250 feet to the southeast. The site qualified for no further action status because the USTs and petroleum hydrocarbon impacted soil had been removed, the extent of petroleum hydrocarbon impacted groundwater had been defined, and the fact the groundwater plume had only migrated approximately 250 feet in over 70 years. A closure letter was issued for the site.

Vener Property, 29515 Road 217, Exeter, Tulare County

This closure was prompted by an inquiry by the property owner as to why their property was listed as an open case in Geotracker. Upon review of the file, it was found that in May 1992, our office conducted an inspection of the referenced property in response to a complaint. Foundry waste (molding sand), originating from Waterman Industries, was being disposed of into a topographic depression on the subject property and reportedly had been happening from 1978 through 1980. Staff from our office conducted an inspection and collected two surface soil samples from the area in question. Those samples were chemically analyzed for metals, of which none were found to exceed the hazardous waste standard total threshold limit concentration (TTLC) and were at concentrations, if detected, incapable of exceeding the soluble threshold limit concentration (STLC, a ten-fold dilution of the TTLC). Additionally, the property owner submitted a copy of the analytical results of a metals analysis, which was provided by Waterman Industries, that was conducted on the foundry waste itself. Those metals analysis were also found to be below the TTLC and incapable of exceeding the STLC. Further, when compared to the current California Human Health Screening Levels (CHHSLs), any metals detected did not exceed their respective CHHSL concentration. A closure letter was issued on 4 February 2014.

Former Regency Dry Cleaners, 6060 First Street, Fresno, Fresno County

Soil vapor extraction (SVE) remedial activities at this site have resulted in reduction of perchloroethylene (PCE) concentrations such that vapors present in the soil no longer pose an unacceptable risk to human health via exposure to indoor air. Additionally, reduction of the mass of PCE in soil has reduced the potential threat to groundwater. PCE concentrations in groundwater have been shown to be consistently below the drinking water maximum contaminant level (MCL) of 5.0 micrograms per liter ($\mu\text{g/L}$). No comments were received during the 30-day public review period and all groundwater monitoring and SVE wells were destroyed in compliance with State and local guidelines. A closure letter was issued on 10 December 2013.

Former Jones' Dry Cleaners, 2089 W. Shaw Avenue, Fresno, Fresno County

Soil vapor extraction (SVE) remedial activities at this site have resulted in reduction of perchloroethylene (PCE) concentrations such that vapors present in the soil no longer pose an unacceptable risk to human health via exposure to indoor air. Additionally, reduction of the mass of PCE in soil has reduced the potential threat to groundwater. PCE concentrations in groundwater have been shown to be consistently below the drinking water maximum contaminant level (MCL) of 5.0 micrograms per liter ($\mu\text{g/L}$). No comments were received during the 30-day public review period and all groundwater monitoring and SVE wells were destroyed in compliance with State and local guidelines. A closure letter was issued on 13 December 2013.

Foster Farms, LLC, Healy Ranch Complex, Merced, Merced County

Initial investigations at the site indicated that underlying soil had been contaminated with petroleum hydrocarbons as diesel (TPH-d) which resulted due to past operations and practices. An assessment was conducted to define the extent of degraded soil. Upon completion of delineation efforts, it was determined that the extent of contaminants in soil was limited to the site. Remedial activity performed at the site was successful in removing the source material from soil. A fact sheet describing the remediation activities at the site and the Central Valley Water Board's intent to issue a No Further Action status was mailed to residents within a 1,000-ft radius of the site. After the 30-day comment period expired and no comments were received, a status of No Further Action was issued on 20 March 2014.

Foster Farms, LLC, Atwater-Jordan Ranch Complex, Livingston, Merced County

Due to past operations and practices, the subject site sustained impacts to underlying soil and groundwater from petroleum hydrocarbons as diesel (TPH-d). Upon completion of delineation efforts, it was determined that the extent of contaminants in soil and groundwater were limited to the site. Remedial activity performed at the site was successful in removing the source material from soil. Extended groundwater monitoring demonstrated that no long-term impacts to the underlying aquifer were sustained. Groundwater monitoring wells associated with the remediation activities have been destroyed. A fact sheet describing the

remediation activities at the site and the Central Valley Water Board's intent to issue a No Further Action status was mailed to residents within a 1,000-ft radius of the site. After the 30-day comment period expired and no comments were received, a status of No Further Action was issued on 3 December 2013.

Actagro (Former Pacific-Micro Facility), LLC, Biola, Fresno County

Initial hydrogeological investigations at the subject site appeared to indicate that elevated concentrations of nitrate observed in area groundwater resulted from historical operations and practices of Actagro, LLC. However, a review of groundwater monitoring analytical data indicates that past operations and practices at the Actagro facility did not contribute to the source of nitrate in groundwater. Based on the observed groundwater analytical data collected over an extended time period, it was determined that the source of nitrate originates from an undetermined off-site location. Maximum concentrations of nitrate were observed in monitoring well MW-4, located on land formerly used for vineyard cultivation at the south-central property line, and ranged from 46 mg/L to 56.1 mg/L, just above the 45 mg/L drinking water maximum contaminant level. Fate-transport calculations and sensitive receptor evaluations indicate that no threat is posed to the nearest downgradient potential user located approximately 850 feet southwest of the Actagro facility. A fact sheet describing the investigation activities and the Central Valley Water Board's intent to issue a No Further Action status was mailed to residents within a 1,000-ft radius of the site. After the 30-day comment period expired and no comments were received, a status of No Further Action was issued on 2 December 2013.

San Luis Reservoir Four Rivers Maintenance Facility, Vehicle Wash Pad Discharge, 31426 Gonzaga Road, Gustine, Merced County. The Four Rivers Maintenance Facility is south of Highway 152 below the San Luis Reservoir Dam. The facility discharged vehicle wash water potentially containing motor vehicle waste to open land without a permit for over 20 years. Wastewater generated at the wash pad drained into a sump, passed through an oil-water separator west of the wash pad, and then flowed north through a subsurface pipe and discharged onto the field immediately north of the site's northern fence line. The discharge field was approximately square with about 60-foot long sides.

In October 2012, two hand-auger soil borings were drilled and five exploratory test pits were excavated to a maximum depth of 15 feet to evaluate soil impacts in the vehicle wash water discharge area. A total of 24 soil samples were collected and chemically analyzed for total petroleum hydrocarbons, volatile organic compounds including solvents and fuel oxygenates, and metals. No analytes were detected in soil samples at concentrations exceeding the regulatory screening threshold concentrations and the metal concentrations generally fell within the range of background levels of naturally occurring California soils. Based on the observations of the walls and bottoms of the test pits and the soil sampling and analysis results, it was concluded that soil impacts were minor and limited to the immediate vicinity of the discharge point and that past vehicle wash discharges do not present a threat to underlying groundwater or human health. A no further action required letter was issued.

Former Fresno Industrial Supplies Facility, 700 S. Hughes Avenue, Fresno, Fresno County

Fresno Industrial Supplies (FIS) operated a chemical storage and sales business for about 40 years until 1994 on two parcels (east and west sides of South Hughes Avenue). The subject property is the west-side parcel. Numerous drums with toxic, corrosive, and flammable wastes and the top six inches of lead and PCBs contaminated soils were removed from the site by USEPA in 1998. Those removal actions were to eliminate the imminent threat to human health. It was still possible that the soils below the top six inches were impacted with contaminants. One water supply well found at the subject parcel in 1998 had elevated levels of lead and zinc above the California maximum contaminant levels (MCLs) for drinking water. USEPA referred the case to the Central Valley Water Board.

In June 2013, a potential buyer advanced a total of 12 shallow soil borings and one deeper soil boring to groundwater in the general vicinity of the former water supply well and collected and analyzed a grab groundwater sample. No analytes were detected in the groundwater sample at concentrations exceeding the method detection limits (MDLs). The metal concentrations (including lead and zinc) in all site soil samples were below the ESLs and in the range of background concentrations of typical California soils.

3. **UNDERGROUND STORAGE TANKS (USTS) - COMPLETED SITE CLEANUPS**

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 generally 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) **UST FRESNO OFFICE**

- **Former Ice House, 702 "P" Street, Fresno, Fresno County**
During Site demolition activities on 9 October 2008, a concrete UST was discovered and removed. Subsequent investigations determined petroleum hydrocarbon impacts in soil but not groundwater. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 19 February 2014.
- **E&J Gallo Winery, 5610 East Olive Avenue, Fresno, Fresno County**
In 1987 a concrete fuel oil UST was abandoned in place. A subsequent investigation determined fuel oil impacts in soil. Fresno County transferred regulatory oversight to the Central Valley Water Board in 2008. A groundwater investigation determined that groundwater had not been impacted. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 9 April 2014.
- **Harris Ranch Airstrip, 24999 West Oakland Avenue, Coalinga**
One aviation gas and one jet fuel UST were removed during 1998, and petroleum hydrocarbons detected in soil beneath each UST. Five groundwater monitoring wells were installed 1998, and significant concentrations of hydrocarbons were detected. No further work was performed at the site until 2008 when Fresno County referred the case to the Central Valley Water Board for regulatory oversight. Additional investigation was performed in 2010, and floating product was detected in shallow groundwater. Floating product was periodically removed from the well using absorbent socks, and by 2012 floating product was no longer present. There are no production wells in the vicinity, and drinking water is supplied by the Westlands Water District. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 26 February 2014.
- **Johnny Quick #143, 2126 Taft Highway, Bakersfield, Kern County**
A release from product piping was discovered during May 2013. Gasoline and diesel product constituents were detected in soil, but groundwater was not impacted. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 5 March 2014.
- **Harmon's Service, 1350 East Yosemite Avenue, Madera, Madera County**
Three USTs were abandoned in place at the site during 1986. No soil samples were collected during the UST abandonments. During September 2006 eight soil borings were drilled in the vicinity of USTs and gasoline constituents were detected in soil. Subsequent investigations determined the presence of gasoline constituents in groundwater. Soil vapor extraction was conducted between 2011 and 2013 which removed about 140,000 pounds (22,580 gallons) of gasoline. When last sampled in September 2013, petroleum hydrocarbons were not detected in any of the groundwater monitoring wells. The case met the closure criteria contained in the Low-Threat Underground Storage Tank Case Closure Policy and was closed on 1 April 2014.

b) **UST REDDING OFFICE**

None

c) **UST SACRAMENTO OFFICE**

- **Tower Mart 864, 1049 Main Street, Angels Camp, Calaveras County**

The site is an active gas station that detected petroleum hydrocarbon in soil during tank replacement/upgrade work in 2010. After performance of a limited soil investigation and a short-term soil vapor extraction pilot test, the case was determined to be a low risk to human health and water quality. The case was subsequently closed under the Low Threat Closure Policy in February 2014.

- **Former Wahl's Trucking, 863 7th Street, Williams, Colusa County**

Five USTs were used for diesel and gasoline at the Site, two were properly abandoned in-place and three were removed by 1999. Between 2000 and 2008 a number of investigative phases; including, groundwater monitoring, feasibility testing and soil vapor sampling were conducted to define the extent of the release in soil and groundwater. All perimeter wells show a declining trend and sensitive receptors are not threatened.

The results of a Human Health Risk Assessment indicated the residual vapors do not pose an unacceptable risk for either residential or commercial receptors. This Site meets the State Water Resources Control Board's Low Threat Closure Policy and was closed on 25 February 2014.

- **Former Beacon Service Station #3693, 15010 Lakeshore Drive, Clearlake, Lake County**

In 1991 Tesoro Petroleum removed three underground storage tanks and discovered an unauthorized fuel release had occurred. Tesoro excavated about 550 cubic yards of impacted soil. In 1999 a vehicle struck a dispenser and 256 gallons of gasoline were released. To address the release, Tesoro removed impacted water from a storm drain and drainage ditch, collected multiple soil samples and installed four groundwater monitoring wells and five soil gas monitoring wells. The groundwater sampling shows that the residual plume is adequately defined, stable and the plume has not migrated more than 100 feet downgradient. Petroleum constituent concentrations across the plume have declined over time as a result of natural degradation. This Site meets the State Water Resources Control Board's Low Threat Closure Policy and was closed on 26 February 2014.

- **Cisco Grove Chevron, 100 Cisco Road, Emigrant Gap, Placer County**

Petroleum hydrocarbons were observed in soil excavated from a UST pit at the site in 1998. Monitoring well MW-1 installed in 1999 confirmed that groundwater beneath the site had been impacted by petroleum hydrocarbons. A combination of over-excavation, and active remedial work, removed over 10,000 pounds (1,600 gallons) of petroleum hydrocarbons from the subsurface. Residual hydrocarbon concentrations in groundwater continue to decline and are expected to attenuate below established water quality objectives in about 15 years. This Site meets the State Water Resources Control Board's Low Threat Closure Policy and was closed on 28 February 2014.

- **Jones Residence, 925 Fiddleneck Place, Norden, Placer County**

In October 1999, a 1,500-gallon fuel-oil UST was excavated and removed from the Site. Two soil samples were collected, and the analytical results indicated that an unauthorized release of petroleum hydrocarbons had occurred. Over-excavation removed about 100 pounds (16 gallons) of petroleum, and minor concentrations of petroleum constituents remain in soil, soil vapor, and groundwater beneath the site. The results of a human health risk assessment indicate that the residual hydrocarbons in soil and soil vapor are unlikely to pose a threat to human health under a residential use risk scenario. The site was closed on 5 March 2014.

- **Schroll Residence, 950 Paintbrush Court, Norden, Placer County**

In October 1999, a 550-gallon fuel-oil UST and a 4,000 gallon UST were excavated and removed from the Site. Observations of the UST cavity, and the sample analytical results indicated that an unauthorized release of petroleum hydrocarbons had occurred. Over-excavation removed about 962 pounds (154 gallons) of hydrocarbon concentrations, and minor concentrations of petroleum constituents remain in soil, soil vapor, and groundwater beneath the site. The results of a human health risk

assessment indicate that the residual hydrocarbons in soil and soil vapor are unlikely to pose a threat to human health under a residential use risk scenario. The site was closed on 5 March 2014.

- **Hambrecht Residence, 890 Fiddleneck Road, Norden, Placer County**

In July 2001, a 1,000-gallon fuel-oil UST was excavated and removed from the Site. Soil samples were collected from the UST cavity, and the analytical results indicated that an unauthorized release of petroleum hydrocarbons had occurred. Over-excavation removed about 400 pounds (64 gallons) of petroleum, and current concentrations are at or below WQOs in samples collected from the Site. The results of a human health risk assessment indicate that the residual hydrocarbons in soil and soil vapor are unlikely to pose a threat to human health under a residential use risk scenario. The site was closed on 5 March 2014.

- **The Store, 4000 Highway 49, Auburn, Placer County**

In April 1988, three 6,000-gallon gasoline USTs were excavated and removed from the Site. Elevated concentrations of petroleum hydrocarbons were detected in groundwater beneath the Site. A combination of over-excavation and offsite remedial work removed over 33 pounds (5.2 gallons) of petroleum hydrocarbons. Residual concentrations in groundwater are expected to reach water quality objectives within 40 years. Additionally, residual shallow soil and soil vapor concentrations are below established human health screening levels. This Site meets the State Water Resources Control Board's Low Threat Closure Policy and was closed on 5 March 2014.

- **Plug-n-Jug Service Station, 9425 Locust Street, Knights Landing, Yolo County**

In 2004 Plug-n-Jug removed two product dispensers and discovered that an unauthorized fuel release had occurred. Plug-n-Jug collected multiple soil samples and installed seven groundwater monitoring wells and four soil vapor monitoring points. Groundwater sampling at the site shows that the residual plume is adequately defined, stable, and that the plume has not migrated more than 100 feet downgradient. Petroleum constituent concentrations across the entire plume have declined over time as a result of natural degradation. This Site meets the State Water Resources Control Board's Low Threat Closure Policy and was closed on 24 February 2014.

d. UST Local Agency UST Closures with Concurrence of Board Staff

Sacramento

- 76 Branded Service Station #5579, 6500 Mack Road, Sacramento
- Sacramento City Unified School District Maintenance Yard, 425 1st Ave (AKA 5th St @ 1st Ave), Sacramento
- Bell Gas, 4400 Raley Boulevard, Sacramento
- Arco Station #6078, 4700 Madison Avenue, Sacramento
- Arco Station #442, 4224 Marconi Avenue, Sacramento
- Former Texaco Service Station 30-6717, 3501 Watt Avenue, Sacramento
- Former Suburban Roofing Facility, 5613 Elvas Avenue, Sacramento
- Shell, 4000 Land Park Drive S, Sacramento
- 49er Truck Stop, 2828 El Centro Road, Sacramento
- HCP Property, 151 Blue Ravine Road, Folsom

San Joaquin

- Arroyo's Smog Shop, 3012 East Waterloo Road, Stockton
- Ze Auto Repair/Ultramar Inc. SS #13792, 2255 S. Airport Way, Stockton

Solano County

- Food & Liquor #38, 1193 East Monte Vista Avenue, Vacaville

Tulare

- Kransig Corporation, 20987 Avenue 196, Strathmore
- Woodlake Gas Ranch, 380 North Valencia Boulevard, Woodlake
- USA Mexican Market, 855 State Street, Earlimart

STAFF RECOGNITION

EMPLOYEE OF THE MONTH AWARD

MARCH 2013

Candidate: Ben Lehmann
Unit: Title 27 Permitting and Mining Unit
Nominator: Marty Hartzell and Kiran Lanfranchi-Rizzarda
Title: Scientific Aid
Supervisor: Marty Hartzell

Benjamin Lehman is a Scientific Aid who works in the Title 27 Permitting and Mining Unit. In addition to his Title 27 work, Ben occasionally helps staff of the mercury TMDL Unit with researching information for the statewide reservoir mercury TMDL project, and he also assists preparing Board Member Agenda Materials. Ben is being recognized for his continued high quality of work and for exceeding his normal duties.

There were two board meetings in the month of March, and Ben was instrumental in helping the Executive Assistant with pre-board meeting and post board meeting formalities for both meetings. The March 27-28 Board meeting agenda comprised of multiple binders containing over 3,000 pages, which was the largest agenda ever produced. Ben took ownership of the project and worked tediously to make sure the agenda materials were correct and mailed out on time.

Ben comes to us from Sacramento State where he completed his Bachelor of Science Degree in Geology in May 2012. Ben started working in the Title 27 Unit in June 2013 where he brought his knowledge of Geology and GIS to use. Ben helped Unit staff in preparing maps for use in presentations and enforcement orders. He also worked closely with staff for many weeks reviewing historical information and in time critical situations to prepare and revise maps for the Walker Mine enforcement item presented at the 27-27 March Board Meeting.

Ben has also proved himself to be an invaluable asset to staff in preparing WDRs and Responsible Party investigations, where he has provided statistical analysis, historical research, compilation of findings and support information. Any task assigned to him has been completed efficiently and in a timely and responsible manner through use of his many technical and time management skills. Overall, Ben has a great work ethic. He works diligently and always carries a positive attitude, and he is very deserving of this employee recognition.

Candidate: Melissa Morris
Unit: Irrigated Lands Regulatory Program, Monitoring & Implementation Unit
Title: Environmental Scientist
Supervisor: Susan Fregien

Melissa oversees the Data Management Team for the Irrigated Lands Regulatory Program and is responsible for ensuring that high quality data is uploaded to the state's California Environmental Data Exchange Network (or CEDEN) database in a timely manner.

Over the past four years, Melissa has led a successful effort to drastically cut the time it takes to review and upload data submittals from the 8-plus coalition groups in our program. She has accomplished this largely by providing detailed and timely data feedback packages to the coalitions and consistently being available to answer questions and provide guidance. Melissa has also developed training materials, guidance documents, electronic tools, and templates to make data submittal a relatively easy task for Coalition Groups.

Through careful management of the data team, Melissa has ensured that all data and QA/QC requirements are verified and appropriately flagged when needed. By refocusing the data team efforts, all data from 2009 through 2013 have been reviewed and submitted for upload to CEDEN. Currently, there are 1.4 million data records in CEDEN from the Irrigated Lands Program. In addition, with the help of scientific aids, Melissa utilizes the time between receiving quarterly data reports to process our backlog of older data.

The result of Melissa's thorough and tireless efforts is that all Irrigated Lands data are of high quality and rapidly available for use by staff and the public.

Program: Site Cleanup Program
Unit: Private Sites Cleanup
Nominator: Duncan Austin, Steve Meeks
Nominee: Nathan Casebeer
Classification: Engineering Geologist

Nathan Casebeer is a Registered Engineering Geologist who has been working in the Site Cleanup Program at the Central Valley Water Board since February 2008. During his time at the Board, Nathan has proven to be a valuable resource to our organization by demonstrating an extensive knowledge of groundwater cleanup technology and by working well with dischargers to get sites cleaned up.

Nathan manages many private site cleanup projects, including:

- The implementation of cleanup programs for large groundwater plumes of PCE contamination in the City of Lodi and Merced, and
- Management of the continuing multi-million dollar cleanups at the Ameripride Laundry site in Sacramento and at the BAC facility in Merced.

In addition to performing his normal workload, Nathan was instrumental in helping the City of Turlock obtain funding from the Cleanup and Abatement Account, which helped the City to continue to clean up its complex PCE groundwater cleanup problem.

Nathan has recently taken on responsibility for managing a Responsible Party search contract. These search projects are designed to find responsible parties in areas where pollution has impacted municipal supply wells. Nathan successfully selected the study areas and then guided the effort, which resulted in the identification of a number of responsible parties in those study areas.

In summary, Nathan is a team player who always goes above and beyond his duties. He works well with our local and sister agencies to ensure that State's water quality is being restored and protected.

(And for those of you who haven't seen him play, he also is an awesome saxophone player and a much appreciated member of the Regional Board Band)

Candidate: Scott M. Galbreath
Unit: NPDES Unit, Redding Office
Title: Water Resource Control Engineer
Supervisor: Bryan J. Smith

Scott Gilbreath is being awarded for his contributions to the Redding office, and specifically the NPDES Unit. Scott's case load includes a number of major facilities with complex permitting and enforcement issues.

Scott recently managed the permit renewals of two major NPDES facilities with permitting issues that required additional research and ingenuity to address the complex nature of the issues. One of the permits involved the issuance of mixing zones and dilution credits and required the review of multiple mixing zone studies, biological assessments, and a thorough analysis of current and projected facility performance. Scott provided the necessary review of these documents and developed a data assessment tool to tackle the need to project facility performance with respect to effluent water quality. The tool enables permit writers to quickly assess the statistical distribution of water quality data, and in turn, project a future facility performance with more confidence. Scott has provided training to both Water Board staff and USEPA contractors on the use of the data assessment tool and as a result, the analysis of water quality data during the permit renewal process has become more efficient and consistent amongst permit writers.

The Redding NPDES Unit greatly benefits from Scott's dedication and hard work in the NPDES Program. His expertise, thoroughness, and analytical skills are greatly appreciated.

Candidate: Shane Edmunds
Unit: Timber Harvest program.
Title: EG
Supervisor: Angela Wilson

Shane is a detail-oriented, enthusiastic, thoughtful, and productive employee. He reviews and inspects timber and rural roads projects in Tehama, Yuba, Sierra and Butte counties as well as working on special projects as needed. Shane has picked up responsibility for several large projects related to work being done on Bureau of Land Management (BLM) lands. He has been able to develop effective working relationships and through those relationships, make strides in improving management practices on BLM lands in Shasta and Butte counties. He has shown an exceptional drive to learn and his positive outlook makes him an asset to both his unit and to the board.

Candidate: Daniel Benas
Unit: N15 C&E - Fresno
Title: Environmental Scientist
Supervisor: Warren Gross

Daniel is being recognized for his continued high quality work. He completed six treatment plant inspections that resulted in NOVs and SELs in the month of February. During this time, he also drafted an ACL complaint for a large SSO, combining the results of his complaint inspection, coordination with CDFW, and discharger response in a comprehensive draft complaint. Daniel completes the lion's share of municipal WWTF inspections for the unit. He schedules inspections in accordance with Unit priorities, complaints, and his knowledge of the individual facilities. As that knowledge base grows, Daniel is becoming an increasingly valuable resource to the unit.

Daniel is also actively pursuing a Master's Degree in Civil Engineering while continuing full-time work. He manages his schedule well and works with his supervisor well in advance when schedule conflicts arise.

PERFORMANCE MEASURES

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.

Below is the Region 5 Performance Measurement Summary for the current fiscal year. This report was produced with data through 79% of the current fiscal year.						
Region 5 Performance Measurement Summary from 1 July 2013 to 14 April 2014						
Programs	Original Target	* Actuals: Permits or Facilities Inspected	% Complete = Actuals/Original Target	Revised Target	** Total # of Inspections Performed	Comments
NPDES Wastewater						
Major Individual Permits Issued, Revised and Renewed	9	10	111%	n/a	n/a	
Major Individual Permits Facilities Inspected	51	21	41%	n/a	24	Target reflects use of contract help that is no longer available from USEPA.
Minor Individual Permits Issued, Revised and Renewed	19	15	79%	n/a	n/a	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 Facilities Inspected	7	7	100%	n/a	9	
Minor General Enrolees Facilities Inspected	0	9	N/A	n/a	11	
Waste Discharge to Land – Wastewater						
Municipal Waste, Industrial Waste, All Other Facilities Permits Issued, Revised and Renewed	36	24	67%	n/a	n/a	The Fresno office has an additional eight permits scheduled for adoption or rescission (revision) in the June Board Meeting. The Redding office has 12 rescissions scheduled for June, as well. It is anticipated that the Performance Target will be met.
Municipal Waste Facilities Inspected	75	94	125%	n/a	94	
Industrial Waste Facilities Inspected	45	37	82%	n/a	37	
All Other Facilities Inspected	10	9	90%	n/a	10	
Land Disposal						
Landfills Permits Issued, Revised and Renewed	9	9	100%	n/a	n/a	
Landfills Facilities Inspected	73	69	95%	n/a	79	
All Other Permits Issued, Revised and Renewed	5	2	40%	n/a	n/a	Only one additional Mine WDR is proposed for the June Board meeting. Therefore, the target of 5 "Other" permits issued, revised, or renewed for this fiscal year will not be met. Staff in the Sacramento Office were redirected from permits to assist with two complex Cleanup and Abatement Orders for mines. Cleanup and Abatement Orders are not counted towards permit performance targets in the Land Disposal program.
All Other Facilities Inspected	48	28	58%	n/a	31	Staff were allocated to enforcement orders and additional LF WDRs. Also, staff inspected multiple unregulated facilities, but those are not included in this inspection count.
NPDES Storm Water						
Stormwater Construction Facilities Inspected	289	412	143%	n/a	506	
Stormwater Industrial Facilities Inspected	195	180	92%	n/a	197	
Stormwater Municipal Facilities Inspected	4	3	75%	n/a	3	There are more inspections scheduled in May and June. The target is expected to be met or exceeded.
Other Programs						
Timber Harvest Facilities Inspected	120	130	108%	n/a	155	
Confined Animal Facility Facilities Inspected (Dairies)	320	299	93%	n/a	341	
Clean Up						
New DoD Sites Into Active Remediation	63	21	33%	n/a	n/a	Progress at DoD sites is slower than expected due to Federal funding reductions.
New SCP Sites Into Active Remediation	36	39	108%	n/a	n/a	
Cleanup Program Sites Projected Closed	140	35	25%	n/a	n/a	Progress at DoD sites is slower than expected due to Federal funding reductions.
New UST Sites Into Active Remediation	45	39	87%	n/a	n/a	
Underground Storage Tank Sites Projected Closed	105	101	96%	n/a	n/a	
* Actuals: Number of facilities inspected or permits issued.						
** Total #: Number of inspections completed including all reinspections.						

ENFORCEMENT



1. ENFORCEMENT ACTIONS UPDATE

19 February 2014 through 14 April 2014

Since the last report, the Central Valley Water Board enforcement staff issued a number of formal and informal enforcement actions:

- 2 – 13267 Investigative Orders;
- 1 – Notice of Stormwater Non-Compliance;
- 68 – Notices of Violation (NOVs);
- 3 – Cleanup and Abatement Orders (CAOs);
- 1 – Cease and Desist Order (CDO);
- 7 – Staff Enforcement Letters; and,
- 17 – Administrative Civil Liabilities (ACLs)

From a statewide perspective, Region 5 was responsible for approximately 33% of all the enforcement actions tracked in CIWQS during this period including 47% of all NOVs, and 40% of all Administrative Civil Liabilities (ACLs). During this period staff issued 14 ACL Complaints, and three ACL Orders were adopted cumulatively totaling \$276,000 in penalties.

California Home														Tuesday, April 15, 2014
  CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY STATE WATER RESOURCES CONTROL BOARD														
California Integrated Water Quality System Project (CIWQS)														
ENFORCEMENT ACTIONS BY REGION/PROGRAM/ACTION														
Here is your Customized Enforcement Actions by Region/Program/Action Report!														
[VIEW PRINTER FRIENDLY VERSION] [EXPORT THIS REPORT TO EXCEL]														
SEARCH CRITERIA: [REFINE SEARCH]														
Status (Active, Historical, Withdrawn) Occurred on or after 02/19/2014 Occurred on or before 04/14/2014														
RB OFFICE	13267	13308	1st_NNC	ACL	CAO	CDO	EPL	NNC	NOV	NTC	SEL	VER	TOTAL*	
1	0	0	0	2	2	0	0	0	3	0	0	0	7	
2	0	0	1	6	0	0	3	0	3	0	5	0	18	
3	1	1	0	2	0	0	0	0	2	0	1	3	10	
4	0	0	11	15	0	0	1	12	62	46	0	6	153	
5F	1	0	0	0	0	1	0	0	12	0	3	5	22	
5R	0	0	0	5	0	0	0	0	6	0	4	8	23	
5S	1	0	0	12	3	1	0	1	50	0	0	11	79	
6I	1	0	0	0	0	0	0	0	1	0	1	1	5	
6V	2	0	0	0	0	0	0	0	1	0	2	4	9	
7	0	0	0	0	0	0	0	0	0	0	22	0	22	
8	0	0	0	0	0	0	0	0	0	0	4	8	12	
9	0	0	0	0	0	0	0	0	0	0	14	6	26	
STATEWIDE*	6	1	12	42	5	2	4	13	146	46	56	52	385	

ENFORCEMENT ACTION LOOKUP:		
13267 = 13267 Letter	13267 = 13267 Letter/Order	13308 = 13308 Enforcement Action
1st_NNC = 1st Annual Report Notice of Non-Compliance	ACL = Admin Civil Liability	CAO = Clean-up and Abatement Order
CDO = Cease and Desist Order	EPL = Expedited Payment Letter	NNC = Notice of Stormwater Noncomp
NOV = Notice of Violation	NTC = Notice to Comply	SEL = Staff Enforcement Letter
VER = Oral Communication	VER = Verbal Communication	

* Columns or Rows count distinct instances of Enforcement Actions.

2. **SANITARY SEWER OVERFLOWS, SPILLS LEAKS/OTHER COMPLAINTS/THREATS**

a. **SANITARY SEWER OVERFLOWS**

Sanitary sewer overflows (SSOs) continue to be an area of concern and focus of attention for Central Valley Water Board staff. Between the period of 19 February and 14 April 2014, there were **12** Category 1, **5** Category 2, and **102** Category 3 spills reported. As of 9 September 2013 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) 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 19 February and 14 April 2014 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.

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.

Raw Sewage Spill Exceeding 50,000 gallons- Wasco State Prison, Kern County.

On 20 March 2014, Central Valley Water Board staff was notified of a sanitary sewer overflow from the Wasco State Prison collection system. A total of 250,000 gallons of sewage spilled from the prison sanitary sewer system over a period of six hours on 20 March 2004. The spill was caused by debris/rags in the gravity sewer main, resulting from intentional actions by prisoners. The spill entered and was contained in an onsite storm water pond adjacent the prison wastewater treatment plant, which utilizes unlined treatment ponds. An unknown volume of the spill was returned to the collection system, while the remainder percolated. The spill area was cleaned up and disinfected, flow restored, and the preventive maintenance schedule was adjusted to mitigate future spills. A Notice of Violation is being prepared to require the discharger to identify any steps that can be taken to minimize spill frequency and volume.

b. **COMPLAINTS**

Regional Board staff is responsible for responding to complaints related to water quality within the Central Valley Region as they are received by the online Cal/EPA Environmental Complaint Form (http://www.dtsc.ca.gov/database/CalEPA_Complaint/). From 19 February through 14 April 2014 the Central Valley Regional Water Board received **21** complaints related to water quality from Cal/EPA. Of those 21, **15** have been closed or referred to the appropriate agency (e.g., California Department of Fish and Wildlife for threatened species habitat impacts). Investigations for the remaining **six** complaints are ongoing. For the fiscal year 2013-2104 to date, **92%** of the complaints received from the Cal/EPA Complaints System have been closed or referred to an outside agency.

DELTA ACTIVITIES

1. **Bay-Delta Interagency Ecological Program (IEP)**

On 26-28 February, five staff from the Basin Planning/TMDL Unit attended the 2014 Annual Bay-Delta Interagency Ecological Program (IEP) Workshop in Folsom. The three-day workshop provided presentations on IEP activities focused to foster productive discussions among IEP scientists on the science priorities for ecosystem restoration in the Bay-Delta.

On 19 March and 23 April, Melissa Dekar attended the IEP Management, Analysis, and Synthesis Team (MAST) meetings. The purpose of both meetings was to continue progress on the Delta Smelt MAST report, which should be available in the summer of 2014.

On 25 March, Chris Foe, Tessa Fojut and Christine Joab attended an IEP Contaminant Work Team (CWT) Meeting held at the Central Valley Water Board's Rancho Cordova office. The focus of the meeting was to provide updates on recent and planned contaminant related studies in the Delta. Chris Foe presented an update on the nutrient strategy for the Delta and inquired if a subset of CWT members would be interested in forming a nutrient Technical Advisory Committee that would collaborate with him on the development of the nutrient research plan.

On 6 and 14 March and 1 and 28 April, Melissa Dekar participated in planning meetings for the upcoming biennial Delta Science Conference which will take place in Sacramento in October 2014.

2. **Delta Methylmercury Control Studies**

The Executive Officer has approved Methylmercury Control Study Work Plans for methylmercury source types of municipal wastewater, urban and industrial storm water, managed seasonal wetlands, restored tidal wetlands, and open water channels. These study work plans are now being implemented. Studies addressing methylmercury in open water channels and restored tidal wetlands are particularly complex, involving monitoring and/or modeling. Staff is continuing to work with Departments of Water Resources and Fish and Wildlife to finalize details of these study plans.

The Methylmercury Nonpoint Source Workgroup and the San Joaquin Delta Water Quality Coalition were both unsuccessful in their bids to obtain Clean Water Act 319(h) funds to support their participation in the Phase 1 Methylmercury Control Studies. The Methylmercury Nonpoint Source Workgroup, which had produced an information synthesis report and Delta land use survey, sought to continue its coordination and information sharing among Delta TMDL's NPS participants. The San Joaquin Delta Water Quality Coalition project would have filled a data gap about methylmercury from non-rice agricultural operations. Lack of funds has delayed involvement by non-rice agricultural interests in the Phase 1 methylmercury control studies. The USEPA Region 9 has offered to fund collection and analysis of some aqueous samples of agricultural drainage this summer and fall.

3. **Delta Mercury Exposure Reduction Program**

The intent of the Delta Mercury Exposure Reduction Program (MERP) is to reduce human exposure to mercury from consumption of contaminated Delta fish while mercury source reductions are occurring. The Delta MERP is being supported by money from dischargers and the Cleanup and Abatement Account and in-kind contributions from the Central Valley Water Board, Dept. Public Health, Delta Conservancy, Dept. Water Resources, and several other agencies. In April, the Executive Officer signed a Memorandum of Agreement with the Interim Executive Director of the Aquatic Science Center (ASC) to allow ASC to collect and disburse payments from Delta MERP contributors. Contributors will be asked to provide their first payments by this summer. Staff is working with Dept. Public Health and Office of Health Hazard Assessment to update existing Delta fish consumption guideline materials for use with stakeholders early this fall.

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

The technical work to refine assessment questions and design a coordinated monitoring program is well underway. Four separate subgroups (based on current use pesticides, pathogens, nutrients, and mercury) have each met several times. Each technical subgroup is staffed with at least one member of the Technical

Advisory Committee (TAC), staff from Aquatic Science Center and staff from the Regional Board (details on the dates and Regional Board staff participation at those meetings are included below). Each of the four subgroups gave status reports at the Technical Advisory Committee meeting held on 7 May 2014, which Meghan Sullivan and Tessa Fojut attended as members of the TAC. The subgroups will continue to meet and refine suggested designs (or data analysis needed) for each of the priority constituents. The Technical Advisory Committee will meet again in mid-June to develop a cohesive program plan from the subgroup's work.

The Steering Committee has not met since March (the meeting scheduled for April was canceled as a result of funding issues for the facilitator, Brock Bernstein). The Steering Committee meets on 19 May 2014 to hear an update on the progress from the technical committee as well as issues related to 'adequate participation', funding, and the election of chairs for future meeting facilitation.

Regional Board staff, with a sub-set of RMP participants, continues to refine the language to be used in NPDES permits to allow for participation in the program. A general order for the adoption of that permit language is currently being drafted and will be brought to the Board in fall 2014.

- On 18 March, 8 April, and 28 April, Janis Cooke participated in meetings of the Delta RMP Methylmercury Subgroup. Meetings were held to identify objectives for future monitoring and special studies and review past monitoring efforts.
- On 26 March, Chris Foe and Christine Joab attended the Delta RMP Nutrient Subgroup meeting. Chris Foe presented an update on the nutrient strategy for the Delta and inquired if the nutrient subgroup would be interested in collaborating with him on the development of the nutrient research plan.
- On 11 April Tessa Fojut participated in a meeting of the Delta RMP Technical Advisory Committee pesticides subgroup, which discussed designing a monitoring plan for pesticides in the Delta.
- On 6 May, Chris Foe participated in the second Nutrient Subgroup Meeting.
- On 6 May, Melissa Dekar and Tessa Fojut attended the Delta RMP Current Use Pesticides Subgroup meeting. The purpose of the meeting was to select potential monitoring sites and to propose a monitoring plan (e.g., frequency, kinds of monitoring) for current use pesticides as part of the Delta RMP.
- On 7 May, Jay Simi participated in the pathogen Subgroup Meeting.

5. **Bay Delta Conservation Program (BDCP)**

The Delta Reform Act of 2009 (§85320(c)) instructs the Delta Independent Science Board to review the Bay Delta Conservation Plan (BDCP) Draft Environmental Impact Report/Environmental Impact Statement (DEIR/EIS) and to submit its comments to the Delta Stewardship Council and the California Department of Fish and Wildlife. Comments from the Delta Independent Science Board are posted at <http://deltacouncil.ca.gov/event-detail/10656>.

The Central Valley Water Board is preparing comments on the Bay Delta Conservation Plan (BDCP) Draft Environmental Impact Report/Environmental Impact Statement (DEIR/EIS). Comments from the Central Valley and San Francisco Regional Board will be collated with State Board comments and sent on as Water Board comments.

6. **Delta Stewardship Council**

On February 10-11 and April 16-17 the Delta Science Program held workshops on Delta Outflows and Related Stressors and on Interior Delta Flows and Related Stressors to inform the new flow standards being considered by the State Water Resources Control Board. Chris Foe attended both workshops. Workshop presentations are available at <http://deltacouncil.ca.gov/science-program/workshop-delta-outflows-and-related-stressors> and at <http://deltacouncil.ca.gov/science-event/10470>.

On 6 May 2014 Chris Foe attended the interim Science Action Agenda Workshop sponsored by the Delta Science Community. Purpose of attending was to insure that scientific concerns of the Central Valley Water Board are included in the Interim Science Action Agenda. More information about the workshop can be obtained at <http://deltacouncil.ca.gov/science-event/10572>

NON POINT SOURCE (NPS)

1. 2014 Federal NPS Grant Solicitation

Approximately \$4.5 million was available for this Solicitation through a grant from USEPA 319(h) Program. The purpose of the program is to provide funds to restore and protect the beneficial uses of water throughout the State through the control of Nonpoint Source pollution consistent with completed TMDLs or TMDLs under substantial development. For the 2014 Solicitation, the Central Valley Water Board was one implementation grant. The Bureau of Land Management – Ukiah Field Office was awarded \$847,000 for the Eightmile Valley Sediment Reduction and Habitat Enhancement Project Phase I, located in Lake County. This project targets the Clear Lake Nutrient TMDL. (HG)

DAIRIES

Staff has issued notices of violation to a number of dairies covered under the Dairy General Order which had not fully or properly implemented a nutrient management plan. Staff is pursuing formal enforcement for dairies that have not adequately responded to the notice of violation. Pre-filing letters have been issued to five of those dairies notifying them of potential liabilities and of the Executive Officer's intent to issue a directive under authority of California Water Code section 13267 requiring the dairy to install individual groundwater monitoring wells at its land application area.

In August 2013, staff issued Notices of Violation to about 60 of the approximately 1,300 dairies covered under the Dairy General Order for failure to submit the 2012 Annual Report, which was due by 1 July 2013. Of these 60, approximately 15 facilities have yet to submit an Annual Report. Staff is in the process of pursuing formal enforcement for those dairies.

Staff has completed approximately 370 dairy inspections for FY 2013/14 to date, including 300 compliance inspections. Priorities during inspections are to make sure the dairy production area and cropland are properly managed, animal mortalities are properly handled, and that a certified nutrient management plan is being followed.

DAIRY DIGESTERS

The Central Valley Water Board was designated by the Cal/EPA Secretary to be lead agency for the Cal/EPA Consolidated Permitting process for the Kotsier Dairy Digester project. Staff facilitated a pre-permitting meeting with CalRecycle, the California Air Resources Board, the San Joaquin Valley Air Pollution Control District, the Tulare County Resource Management Agency, and the CalRecycle Lead Enforcement Agency (the Tulare County Environmental Health Division). Staff also developed a permitting action plan, coordinated the permitting effort with the developer (CH4 Power), and compiled agency permits into a consolidated permit at the end of the process. On April 23rd staff participated in a Cal/EPA sponsored debriefing with the participating agencies. Participants agreed that the Consolidated Permitting process for the Koetsier Dairy Digester went extremely well in that it provided the project proponent with the necessary environmental permits in a timely manner and that it was especially good at early identification of permitting issues.

SITE CLEANUP

- 1. Lawrence Livermore National Laboratory Site 300 (LLNL Site 300), San Joaquin County**

Historic operations at LLNL Site 300 explosives test site resulted in the release of solvent and radionuclide contaminants to the environment. Since 1993, cleanup of the contaminant releases has been overseen by the Central Valley Water Board, the Department of Toxic Substances, and the U.S. Environmental Protection Agency. A Federal Facilities Agreement between the U.S. Department of Energy (DOE) and the State of California authorizes funding for State oversight as DOE implements its environmental restoration and compliance activities. On 25 April 2014, the Central Valley Regional Water Board, in conjunction with the State Water Resources Control Board, submitted an application to the DOE for a federal grant in the amount of \$649,996 to fund the Central Valley Water Board's regulatory oversight activities for the period from 1 July 2014 through 30 June 2017. (ACP)

SALINITY AND CV SALTS

1. **Central Valley Salinity Alternatives for Long-Term Sustainability (CV-SALTS)** The CV-SALTS Executive Committee policy discussions over the last two months have focused on strawman proposals related to alternative compliance strategies including demonstration of compliance through direct use protection. To help frame the discussions, representatives of Environmental Justice stakeholders provided a presentation summarizing the “Scope and Scale of Nitrate Contamination in Groundwater and Recommendations for Establishing CV-SALTS Role in the Framework for Solutions”. The presentation has been posted on the CV-SALTS website at www.cvsalinity.org. Technical projects are continuing on schedule including Executive Committee approval of both the final report on the Initial Conceptual Model and the Phase II Conceptual Model workplan which will verify early findings through case studies so that the initial draft Salt and Nitrate Management Plan can be prepared. A brief summary of all CV-SALTS technical projects can be found under the CV-SALTS website at: <http://www.cvsalinity.org/index.php/technical-projects-index.html>

The Lower San Joaquin River (LSJR) Committee is continuing to finalize technical information that will support a Basin Plan Amendment for salt and boron water quality objectives for the stretch of river between the Merced River and Vernalis. The committee’s subcontractor team has prepared draft response to comments for the Central Valley Water Boards 2010 draft staff report titled Salt Tolerance of Crops in the Lower San Joaquin River. Information from the report in combination with an updated water quality and salt loading database for the LSJR will be used to evaluate salinity water quality objectives protective of irrigation supply and screen alternatives for salinity control. Subcommittees continue to work with the contractor team to finalize these and other documents. In addition, information on irrigation management practices employed by LSJR water users continues to be compiled. Between November and April, crop data for approximately 45,000 of the 52,000 acres in the LSJR Irrigation Use Area were collected.

2. **CV-SALTS Meeting Participation**

On 7 March, Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on approval of Phase II Conceptual Model Workplan, and updates on current projects.

On 13 March, Pamela Creedon, Karl Longley, Clay Rodgers, and Pam Buford participated in the CV-SALTS Executive Committee Policy Meeting which included a presentation summarizing the Scope and Scale of Nitrate Contamination in Groundwater and Recommendations for Establishing a CV-SALTS Role in the Framework for Solutions from representatives of the Environmental Justice stakeholders. The second half of the meeting focused discussion to develop draft policy for demonstration compliance through direct use protection.

On 11 April, Pam Buford participated in the CV-SALTS Executive Committee Administrative meeting which focused on review and approval of letter regarding City of Dixon Site-Specific Boron Objective Study, and updates on current projects.

On 24 April, Pamela Creedon, Karl Longley, Clay Rodgers, and Jeanne Chilcott participated in the CV-SALTS Executive Committee Policy Meeting which focused on the continuing discussion from the 13 March meeting to develop draft policy for demonstration compliance through direct use protection.

On 17 March, and 15 April, Jim Brownell participated in the LSJR Committee monthly meetings.

On 18 April, Jeanne Chilcott and Jim Brownell participated in a LSJR stakeholder technical meeting regarding historic water quality and salt loading to the river.

3. **United States Bureau of Reclamation (USBR)—Management Agency Agreement (MAA)** Monthly staff meetings with representatives of the USBR were held on 10 March and 14 April to discuss the status of work related to the MAA. During both meetings, USBR staff and members of the Westside San Joaquin River Watershed Coalition reported on the progress they have made on the Real-Time Salinity Management Program (RTMP) framework document and the RTMP prediction model. The updated draft

RTMP framework has been released to the CV-SALTS Lower San Joaquin River Committee for review and comment. USBR staff conducted prediction model workshops at the Turlock Irrigation District on 28 April and the Fresno office of the California Department of Water Resources on 7 May.

A draft revised MAA, prepared by USBR is currently under Central Valley Water Board staff review.

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 continues to move forward with the development of draft water body categorization reports for the Sacramento POTW Case Study receiving waters. In addition, a draft water quality report evaluating the data collected in the Sacramento case study area is being finalized. Additional tasks are moving forward and in coordination with the contractors for the CEQA and economic evaluations including a potential case study area within the San Joaquin River Basin.

MUN Meeting Participation

In support of the development of water body categorization reports for the Sacramento POTW Case Study Basin Plan Amendment, the following meetings were conducted:

On 17 March, Anne Littlejohn and Cindy Au Yeung met with representatives with the Glenn-Colusa Irrigation District and the City of Willows to discuss in detail the characteristics of the water bodies downstream of the City of Willow's effluent discharge point.

On 16 April, Anne Littlejohn and Cindy Au Yeung met with representatives with Reclamation District 777 and the City of Live Oak to discuss in detail the characteristics of the water bodies downstream of the City of Live Oak's effluent discharge point.

On 28 April, Anne Littlejohn and Cindy Au Yeung met with landowners in the Powell Slough vicinity and a representative with the City of Colusa to discuss in detail the characteristics of the water bodies downstream of the City of Colusa's effluent discharge point.

More information on the project can be found at:

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

GROUND WATER STRATEGY

1. **Groundwater Quality Protection Strategy for the Central Valley Region, a Roadmap – Workplan June 2013-June 2015 (Update)**

During the December 2013 Board Meeting direction was given to staff to coordinate with the State Water Board's Groundwater Concept Paper efforts before beginning an update to the Central Valley Water Board's Groundwater Strategy. The State Water Board held a workshop to solicit comments on its Groundwater Workplan in January. State Water Board also held two workshops on Sustainable Groundwater Management. State Water Board staff is compiling comments and will be briefing Board Members soon. Central Valley Water Board staff will continue to coordinate with State Water Board staff to avoid duplication of efforts as they move forward.

The Groundwater Quality Protection Strategy June 2013-2015 Workplan can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml
The following is a brief status report on the implementation of tasks for each of the actions identified in the June 2013-2015 Workplan:

Action 6.4.1 Develop a Salt and Nitrate Management Plan for the Central Valley. The initiative is a collaborative stakeholder effort that includes the Central Valley Water Board as a stakeholder. CV-SALTS Executive Committee adopted an updated Strategy, Framework, and Workplan in February 2012. CV-SALTS continue to work toward development of a draft plan by May 2016. More details on CV-SALTS activities can be found in the Salinity and CV-SALTS section of this EO report. Information is also available at: <http://cvsalinity.org/>

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

- Site Management Strategy for Subsurface Investigations, Resource Toolbox
- Establishing and Applying Site Specific Background Concentrations

GMAW meeting information can be found at: http://www.waterboards.ca.gov/centralvalley/water_issues/groundwater_quality/index.shtml

Action 6.4.3 Implement Groundwater Quality Protection Programs through the Integrated Regional Water Management Plan Groups. The goal of this action is to leverage and expand groundwater quality program coverage through improved coordination and partnering with local regional groups that receive State funds through the Integrated Regional Water Management (IRWM) process. Executive Management has identified staff resources to implement this portion of the workplan. Staff has been identified and a management expectations memo is being prepared to provide direction to staff.

Action 6.4.5 Well Design and Destruction (Abandonment) Program. Implementation of work on this action was temporarily delayed by high priority inspections. The schedule for tasks 1 through 3 is approximately 3-4 months behind. An update on the schedule and work completed will be provided in the June 2014 Executive Officer's Report.

Action 6.5.1(b) Develop General Order for Poultry, Cattle, or Other Confined Animal Facilities. The goal of this action is to protect groundwater from waste associated with the operation of confined animal facilities including poultry raising and egg laying facilities, bovine feedlots (heifer ranches, beef cattle yards, etc.), and other types of confined animal facilities not covered by the Dairy General Order. A General Order for Bovine feedlots has been drafted and is under management review prior to sending it for industry review. The General Order for Poultry facilities has been delayed because of high priority enforcement cases and inspections. Work on developing a draft Poultry General Order will begin within the next two months.

Action 6.5.2(a) Implementation of the Long-Term Irrigated Lands Regulatory Program. The goal identified in the roadmap was to implement a program that establishes a groundwater protection program for wastes associated with irrigated agricultural practices. The Central Valley Water Board has adopted six Orders covering specific geographic areas that allow growers to be represented by third-party groups and one Order for those growers that are not part of a third-party group. Additionally, one Order covering a specific commodity (rice in the Sacramento Valley) has been adopted. The adopted Orders all include groundwater quality protection and monitoring requirements. More detail on Long-Term ILRP development can be found under the Irrigated Lands Regulatory Program section of this EO Report or found at: http://www.waterboards.ca.gov/centralvalley/water_issues/irrigated_lands/long_term_program_development/index.shtml

Action 6.5.2(b) Coordinate with California Department of Food and Agriculture (CDFA) to identify methods to enhance outreach, education, and research through CDFA's fertilizer research and education program. The goal of this action is to reduce groundwater quality impacts from use of nitrogen based fertilizing materials in agricultural, commercial, and residential applications. Staff from the irrigated lands regulatory program (ILRP) has worked with CDFA on the nitrogen management certificate training program CDFA is developing for Certified Crop Advisors. Staff from the ILRP has provided input on the curriculum and are serving as instructors for the portion of the training that discusses the regulatory requirements. Executive management has also participated in CDFA's nitrogen tracking and reporting task force. Staff will continue to work with CDFA on nitrogen management issues and coordinate with CDFA as the recommendations from the State Water Board's Expert Panel are developed.

Action 6.5.3 Reduce Site Cleanup backlog. The goal of this action is to reduce the number of inactive cases (i.e., the case backlog) in the Site Cleanup Program. Staff has been assigned and has started reviewing the site files to determine the nature of the inactive cases. So far, 387 inactive cases have been reviewed. A number of sites (58) were found to be active or closed under the lead of the local agency or the Department of Toxic Substances Control.

Action 6.5.4(a) & 6.5.4(b) Update Guidelines for Waste Disposal from Land Developments. Regional Water Board staff worked with the State Water Board staff in FY2011 to develop a policy for onsite sewage treatment systems. On 19 June 2012, the State Water Board adopted a Policy for regulation of Onsite Wastewater Treatment Systems (OWTS Policy). The State Water Board OWTS Policy is effective 13 May 2013 and can be found at: http://www.waterboards.ca.gov/water_issues/programs/owts/index.shtml. The OWTS Policy requires each Regional Water Board to update its Basin Plan to be in compliance with the OWTS Policy or adopt policy/guidelines that are as restrictive as the State Water Board policy. At the March 2014 Central Valley Water Board meeting amendments for both Basin Plans were adopted. Next steps will be for State Water Board, Office of Administrative Law, and US EPA to approve the basin plan amendments.

The OWTS Policy allows local agencies to develop and implement alternative requirements in an approved local area management program (LAMP) and requires each Regional Water Board to review and approve all of the LAMPs in its respective Region. Initial implementation of the OWTS Policy has included: correspondence with each county to identify those preparing LAMPs, met with North California Environmental Health directors to discuss policy, working with State Water Board on LAMP guidance, planning additional outreach meetings once guidance is development.

Action 6.5.4(c) Reduce backlog of existing Waste Discharge Requirements (WDRs) to be updated and new WDRs to be developed. Staff is working closely with the State Water Board's WDR unit to develop general orders to assist in reducing WDR backlogs. Due to redirection the State Water Board unit work on a General Order for Small Volume Domestic Wastewater with flows of less than 100,000 gpd was delayed, it is anticipated work will resume soon. The current schedule is for consideration by the State Water Board in August/September. Once adopted, approximately 250 dischargers in the region would be eligible for this more streamlined WDR process. Staff worked with State Water Board on development of a General Order for Recycled Water Use which is currently out for public review. This is especially critical with this drought.

IRRIGATED LANDS REGULATORY PROGRAM (ILRP)

1. General Waste Discharge Requirements (WDRs) Development

a. Eastern San Joaquin River Watershed WDRs

On 27 March, the board adopted revisions to the Waste Discharge Requirements for the Eastern San Joaquin River Watershed. The key change is a two-month extension of deadlines for the third-party members in high vulnerability areas to submit the first Farm Evaluation (due on 1 May 2014, rather than 1 March 2014), and for the third-party to prepare and report a summary of management practice information collected as part of Farm Evaluations (due on 1 July 2014, rather than 1 May 2014).

b. Grasslands Bypass Project

On 27 February a conference call was arranged between staff of the Central Valley Water Board, the U.S. Bureau of Reclamation (Bureau), and representatives of the San Luis & Delta-Mendota Water Authority (SLDMWA) to discuss questions on the draft WDR and MRP.

- c. Comments from the Bureau and SLDMWA were received in late March/early April. On 22 April, a second conference call was arranged to discuss comments, clarify reasoning for requirements and requested changes, and to work out discrepancies. An outcome of the conference call was the Bureau and SLDMWA provided recommendations on sampling and reporting necessary under the draft WDR and MRP.

A draft administrative WDR and MRP reflecting new compliance dates to meet selenium objectives in Mud Slough (north) and incorporating relevant requirements from the Irrigated Land Regulatory Program is expected to be released in late May 2014.

d. California Rice Commission WDR

The Board adopted Waste Discharge Requirements General Order for Sacramento Valley Rice Growers, Order R5-2014-0032 on 27 March. The California Rice Commission is a recognized third-party entity and will represent rice (defined as species *Oryza sativa*) and rice seed growers in the Sacramento Valley.

e. Sacramento River Watershed WDR

The Board adopted the Waste Discharge Requirements General Order for Growers within the Sacramento River Watershed that are Members of a Third-Party Group, Order R5-2014-0030 (Order) on 12 March. Only the Sacramento River Water Quality Coalition (Coalition) applied to serve as a third-party to represent growers in this area by the 11 April deadline for submitting a Notice of Intent. The Coalition has represented growers to comply with the requirements of the Irrigated Lands Regulatory Program since 2003. The Notice of Intent submitted by the Coalition is under review.

f. San Joaquin County and Delta Water Quality Coalition WDRs

On 12 March the Board adopted the Waste Discharge Requirements General Order for Growers within the San Joaquin County and Delta Area that are Members of a Third-Party Group, Order R5-2014-0029 (Order). By the 11 April deadline for submitting a Notice of Intent, only the San Joaquin County Resource Conservation District (District) applied to serve as a third-party to represent growers in the San Joaquin County and Delta Area. The District has been serving as the umbrella organization for the irrigated lands served by the San Joaquin County and Delta Water Quality Coalition since 2003.

On 25 April, the Executive Officer issued a Notice of Applicability to the district designating the entity as a representative third-party under the General Order for growers within portions of San Joaquin, Amador, Contra Costa, Stanislaus, Alameda, and Alpine counties.

g. Western San Joaquin River Watershed WDRs

On 17 March, the Executive Officer issued the Notice of Applicability to the San Joaquin Valley Drainage Authority (Drainage Authority), approving its 5 February application to represent growers in the Western San Joaquin River Watershed. The Drainage Authority, which has been serving as the umbrella organization for the irrigated lands served by the Westside San Joaquin River Watershed

Coalition since 2003, submitted additional information on 7 March and 13 March to support its application.

On 28 March, the Executive Officer provided the proposed Farm Evaluation template to the San Joaquin Valley Drainage Authority for comments. The public was invited to provide comments on the proposed template, and one comment letter was received by the deadline on 28 April.

2. State Water Resources Control Board Agricultural Expert Panel

Clay Rodgers and Joe Karkoski participated in the meetings of the State Water Board's Expert Panel the week of 5 May in San Luis Obispo, Tulare, and Sacramento. The State Water Board's report to the Legislature included a recommendation "... to convene a panel of experts to assess existing agricultural nitrate control programs and develop recommendations, as needed, to ensure that ongoing efforts are protective of groundwater supply quality." The State Water Board contracted with the Irrigation Training and Research Center (ITRC) at the California Polytechnic State University, San Luis Obispo, to assemble the expert panel. Information on the proceedings of the Expert Panel can be found at the ITRC website at <http://www.itrc.org/001/swrcb.htm>.

As identified in the public notice, "...the role of Expert Panel Members is as follows:

- Review the Water Boards' Irrigated Lands Regulatory Program.
- Evaluate ongoing agricultural control measures that address nitrate in groundwater and surface water.
- Evaluate and address other risks to water quality posed by agricultural practices.
- Address questions posed by the State Water Board in its order regarding the petitions of the Central Coast Water Board.
- Address questions developed by an Advisory Committee, other agencies and the public as approved by the State Water Board.
- Propose new agricultural control measures, if necessary.
- Hold meetings with the Advisory Committee as necessary.
- Conduct three public meetings to take public comment.
- Prepare a Final Report on the findings and a summary of project discoveries and recommendations."

The Expert Panel is expected to prepare their final report at the 23 September 2014 State Water Board meeting. The Central Valley Water Board has indicated in the adoption of its ILRP Orders that it will consider the recommendations of the Expert Panel.

3. Mapping of Nitrate High-risk Areas

On 4 March, Clay Rodgers and Joe Karkoski participated in a State Water Board workshop on a state-wide effort to map nitrate high risk areas. Clay and Joe presented information on the Central Valley Water Board's requirements for coalitions to identify high vulnerability areas through their Groundwater Quality Assessment Reports (GAR). Coalition representatives from the California Rice Commission and East San Joaquin Water Quality Coalition presented the results of their GAR efforts.

4. Management Practice Evaluation Program (MPEP)

On 18 March, the Executive Officer conditionally approved the Management Practices Evaluation Program (MPEP) Group Option for the East San Joaquin Coalition, the San Joaquin County and Delta Water Quality Coalition, and the Westside San Joaquin River Watershed Coalition. The Group Option allows multiple entities to prepare a joint MPEP Workplan to determine the effects, if any, irrigated agricultural practices may have on first encountered groundwater under different conditions that could affect the discharge of waste from irrigated lands to groundwater, and to address the conditions relevant to high vulnerability groundwater areas.

5. Grower Enrollment under New Orders

The new ILRP Orders provide an opportunity for growers who do not have regulatory coverage to directly join the coalition. After the allowable time frame to directly join the coalition, the growers must submit a Notice of

Intent to the Central Valley Water Board to get approval for regulatory coverage under the applicable third-party group Order. As each Order has been adopted, and the coalitions approved, staff and the coalitions initiate outreach efforts to inform non-participating growers of the opportunity to join the coalition.

The Coalitions generally are required to report their Member lists 60 days after the opportunity to join the coalition directly. Member lists are then reported annually, thereafter. Table 1 provides a summary of enrollment for two coalitions for which the board has current membership information. Information for other coalitions will be provided as the window for direct grower enrollment with the coalitions close and board staff receives membership lists.

Table 1. Coalition Enrollment Information Summary

Coalition Group	East San Joaquin	Kings River⁷
New Order Outreach Start Date	January 2013	January 2014
Participating Growers and Associated Acreage		
Number of Growers, Pre-Order ¹	2,225	8,400
Number of Growers, as of May 2014	3,963	pending
Change (Additional Growers Enrolled) ³	1,738	pending
Number of Acres, Pre-Order²		
Number of Acres, as of May 2014	535,653	451,889
Change (Additional Acres Enrolled) ³	718,833	502,485
Projected Total Number of Growers and Acres		
Growers Requiring Coverage ⁴	183,180	50,596
Irrigated Acres Requiring Coverage ⁵	3,600	pending
Acres Enrolled under the Dairy Program⁶		
	835,000	1,038,345
	165,000	pending

¹For the East San Joaquin coalition, the pre-Order participating growers comes from July 2012; the Kings River Coalition comes from the July 2013 participant list. Participant values were provided by the Coalition Group or calculated by staff using a pivot table to determine the number of unique names.

²For East San Joaquin Coalition this number is derived from the July 2012 Coalition Participant List; for the Kings River Coalition, this number is derived from the July 2013 Coalition Participant List. Reporting acres vary (e.g., acres, irrigated acres, farmable acres, assessed acres, etc.)

³This value is the change in grower participation or participating acres from when outreach related to the general orders began to the present.

⁴Projected number of growers was derived from the US Dept of Agriculture 2007 Census of Agriculture or extrapolating the coalition participant lists and total irrigated lands. Details are provided in the respective adopted Orders. Actual values may differ from projected.

⁵Projected irrigated acres were derived from the CA Dept of Conservation's Farmland Mapping and Monitoring Program GIS datasets, the Dept of Water Resources land use GIS datasets, and the County Agricultural Commissioners' reports. Details are provided in the respective adopted Orders. Actual values may differ from projected.

⁶Acres enrolled under General Order, R5-2007-0035, for Existing Milk Cow Dairies. Information comes from annual reports from dairies.

⁷Some participant values and acreages are pending, since the deadline for providing the participant list has not occurred. For the Kings River Coalition, the deadline for growers to directly enroll with the coalition is 19 May 2014. This will be provided in the July 2014 participant lists, if not earlier.

6. **Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections**

In March, April, and on May 8th, ILRP staff inspected 427 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 Eastern San Joaquin River Watershed General Order.

7. **Compliance & Outreach – Water Code section 13260 Directives**

On March 19th and May 9th, ILRP staff mailed 187 Directives to landowners who staff has determined own irrigated agriculture. Landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections) are being mailed the directives that require the recipients to submit proof of coalition membership or a Notice of Intent to get regulatory coverage.

8. **Compliance & Outreach – Letter to Western San Joaquin Watershed Growers**

In March, ILRP staff used Geographic Information Systems and county tax assessor's parcel information to prepare a list of landowners with parcels that likely require coverage under the Waste Discharge Requirements General Order for Growers within the Western San Joaquin River Watershed (General Order). And on March 26th, 388 landowners with a total of 45,293 acres of land were mailed an outreach letter informing them of new ILRP requirements under the General Order, and how they could join the Western San Joaquin Coalition or get more information.

Staff is working with the Western San Joaquin Coalition representatives to determine landowner response to the outreach letters. Follow up outreach to these landowners is pending response results.

9. **Coalition Groups**

a. **East San Joaquin Water Quality Coalition**

On 26 February, staff held an Irrigated Lands Regulatory Program Stakeholder meeting at the Stanislaus County Agricultural Center in Modesto. At this meeting, the East San Joaquin Water Quality Coalition provided an overview of the Groundwater Quality Assessment Report and the Sediment Discharge and Erosion Assessment Report. Staff review of the two assessment reports is underway.

On 3 March, staff received the East San Joaquin Water Quality Coalition's Quarterly Monitoring Data Report for the period July-September 2013.

On 30 April, staff received the 2014 Annual Monitoring Report for the San Joaquin Chlorpyrifos and Diazinon TMDL Compliance Monitoring prepared jointly by the East San Joaquin Water Quality Coalition and the Westside San Joaquin River Watershed Coalition. Staff is reviewing the report and preparing comments.

On 1 May, staff received the East San Joaquin Water Quality Coalition Monitoring Report and the Management Plan Progress Report for the period from January through September 2013. Staff is reviewing the report and preparing comments.

On 1 May, the East San Joaquin Water Quality Coalition submitted an updated Comprehensive Surface Water Quality Management Plan. Staff is reviewing the updated Management Plan and will consider comments received during the 30-day public comment period.

b. **Sacramento Valley Water Quality Coalition (SVWQC)**

The SVWQC submitted its Annual Monitoring Report on 3 March 2014. This report includes information and analysis for the monitoring program from October 2013 through September 2013. This report is under staff review.

On 1 April, the Coalition submitted the 2013 Chlorpyrifos and Diazinon TMDL Compliance Monitoring Report. This report is under staff review.

On 3 April, the Executive Officer approved the Pilot Watershed Management Practices Plan Annual Reports for the Napa County Putah Creek and El Dorado subwatersheds. These reports describe the management objectives, management practices and implementation approach taken by the respective subwatershed groups to ensure continued protection of water quality in these two foothill/upper watershed areas.

On 23 April, Pamela Creedon, Clay Rodgers, and Joe Karkoski met with David Guy and Bruce Houdesheldt of the Northern California Water Association (NCWA). The discussion focused on NCWA's preparation of its groundwater quality assessment report, and related groundwater reports.

On 1 May, the SVWQC submitted its 2013 Management Plan Progress Report, describing steps taken and progress made toward correcting water quality problems in areas where irrigated agriculture has been identified as contributing to exceedances.

c. **San Joaquin County and Delta Water Quality Coalition**

On 1 March, staff received the San Joaquin County and Delta Water Quality Coalition Annual Monitoring Report. The AMR is under Staff review and will be posted on the Central Valley Water Board website.

On 11 March, staff provided a review of the San Joaquin County and Delta Water Quality Coalition 2013 Management Plan Update Report. The Coalition provided the necessary information for the components of the Management Plan Update Report, Basin Plan – TMDL requirements, with only minor omissions.

On 1 April, the San Joaquin County and Delta Water Quality Coalition (Coalition) submitted their 2014 Management Plan Update Report. The MPUR is under Staff review and is posted on the Central Valley Water Board website.

d. **Tulare Lake Basin Third-party Groups**

The Kings, Kaweah, Tule, Kern, Cawelo, and Buena Vista Water Quality Coalitions have submitted, or are preparing to submit, Surface Water Monitoring Plan and Groundwater Quality Assessment Report outlines. Staff is in the process of reviewing these outlines as they come in.

In March and April, 9, about 693 outreach letters were sent to the Kings and Kern Coalitions for landowners of irrigated lands that are not enrolled in those coalitions. The Kings Coalition has now received two phases of outreach letters. The opportunity for growers to enroll directly with the Kings Coalition will close on 19 May. Staff is preparing a second mailout to landowners with parcels that have not yet enrolled with the Kern Coalition. Staff is preparing the initial mailouts for the remaining Coalitions.

On 3 March, the Southern San Joaquin Valley Water Quality Coalition, which covered the majority of the Tulare Lake Basin Area under the previous Irrigated Lands Regulatory Program Order, submitted their final Annual Monitoring Report covering the 2013 monitoring year.

On 8 April, staff issued Farm Evaluation templates to the Kings, Kaweah, Tule, Kern, and Buena Vista Coalitions for comment. The deadline to submit written comments to be considered prior to the Executive Officer providing the final template to the Third-Party Groups is 28 May 2014.

On 17 April, Brent Vanderburgh and Nick Smaira attended the San Joaquin Valley Sustainable Farming Project Almond Field day in Fresno County. Topics of discussion included: in season pest pressures and preserving beneficial insect populations, spring and summer disease management, and irrigation management during a drought year.

e. **Westside San Joaquin River Watershed Coalition**

On 30 April, the Westside San Joaquin River Watershed Coalition and East San Joaquin Water Quality Coalition submitted their 2014 combined chlorpyrifos and diazinon TMDL annual compliance monitoring report based on the 2013 water year. The report is under staff review.

f. **Tule Basin Water Quality Coalition**

On 15 May 2014, the Tule Basin Water Quality Coalition sent an email expressing concern that Regional Board staff had not yet sent letters to non-members in the Tule Basin area and that an extension to the 180-day sign-up period would be necessary. Staff responded that the work to assemble the non-member growers list had been completed and that approximately 2,800 letters to non-members in the Tule Basin Water Quality Coalition area would be mailed shortly [by 23 May 2014] and therefore, an extension of the 5 August 2014 date for sign up did not appear necessary.

10. **Other Projects**

a. **Data Management**

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

Data reports received in acceptable condition through 1 June 2014 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 San Joaquin Watershed Coalition data and the Sacramento Valley Water Quality Coalition collected between 2004 and 2008. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by the Coalition since program inception. The current goal is to complete and load the Westside San Joaquin River Watershed Coalition data to CEDEN by September of this year. The Sacramento Valley Coalition data is currently slated to be complete by mid-2015.

In August of 2013, CEDEN released the most updated and consolidated version of their electronic data templates. Over the course of late 2014 and into early 2015, the ILRP will be transitioning to the use of these new CEDEN templates for Excel based data submissions from Coalitions. This transition will assist all parties in better maintaining comparability and efficient use of resources. On 22 January 2014, Stakeholders were notified via email of the ILRP's intent to transition to new templates. A brief history and explanation of the transition was provided, as well as a schedule for future communications and updates to available resources and tools. A second email communication was issued 27 March 2014. A series of informational graphics comparing the current templates to the new templates was provided. Stakeholders were also informed about a delay in the availability of a critical online tool for the new templates. The next communication is planned for early June and should provide an update on the status of the online tool as well as provide a revised schedule for the transition.

b. **Managed Wetlands Workgroup**

During the WDR Order adoption hearings for the Long-term ILRP, the Board directed the Executive Officer and staff to address issues raised by wetlands managers. Following an initial meeting with the Executive Officer on 12 February 2014, a work group consisting of representatives from public and private managed wetlands formed to address concerns about the applicability of the ILRP framework for regulating discharges from managed wetlands. Central Valley Water Board staff held a kick-off meeting with the Managed Wetlands Workgroup on 19 March 2014 with the primary objective to begin discussion of options for wetlands regulatory coverage. During the meeting, wetlands representatives provided background information about managed wetlands to clarify the

basis of their concerns and asked staff to explain the Board's perspective for requiring regulatory coverage. The work group developed a preliminary list of desirable outcomes for a managed wetlands regulatory framework. Staff will schedule additional work group meetings.

c. **Rice Pesticides Program**

On 24 April, the Executive Officer issued a letter to the California Rice Commission (CRC) approving the Rice Pesticides Program (RPP) management practices for the 2014 season. Staff's review of the 2013 RPP monitoring report was attached to the letter. The CRC provided the necessary information for the monitoring report, with only minor omissions.

The California Rice Commission notified staff and the City of Sacramento that 2014 RPP monitoring for thiobencarb will be delayed by one week to the second week of May.

GENERAL

1. California Drought - State Water Board Curtailment Letters and Inspections

With California facing one of the most severe droughts on record and with California's driest months ahead, the State Water Board put water users in certain watersheds on notice that water curtailments would likely be issued due to lack of water in the state's rivers. Late season rains delayed the necessity of curtailments, but continued dry conditions now make the likelihood of curtailments greater. Issuance of curtailment letters and subsequent compliance and enforcement efforts to ensure compliance with curtailment letter is being administered by the State Water Board's Division of Water Rights (DWR). The State Board has been allocated funding from the drought legislation to pay for the activities, but DWR does not have sufficient staff resources to conduct required activities and has requested support from the Regional Boards. In response we have identified ten (10) staff from our three offices that will be available to assist DWR. All ten volunteers have received training by DWR and are ready to deploy when requested. If called to assist, staff will work full time for DWR until their work assignment is complete. The reallocation of staff may affect our ability to meet Regional Board performance targets and may result in us revising and adjusting our year-end targets if necessary.

2. June 2014 Update on the City of Folsom's Sewer Collection System

During the last two years, a resident of Folsom has submitted numerous emails and has addressed the Board regarding her concerns about the City of Folsom's sewer collection system. In particular, the resident is 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, (c) the status of the City's sewer flow meters, and (d) the capacity of the 4-inch line from the Young Wo pump station. Board staff responded to each of these concerns through an Informational Item at the January 2013 Board meeting and subsequent update in the Executive Officer report. However, the individual continues to submit complaints to Board staff. It is noted that the issues being raised are not new, and have previously been addressed in the Informational Item and the EO Report. Below is a summary of staff's responses.

Previous Complaints and Staff Response

In late 2012, the resident submitted over 20 complaints about Folsom's sewer collection system, alleging that there are on-going capacity issues and an overall lack of maintenance. Staff met with the resident, reviewed the complaints, reviewed the City's engineering documents, and provided responses. 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 among the best 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 written¹, and lengthy presentations were made by staff, the City of Folsom, and two residents. 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.

¹http://www.waterboards.ca.gov/centralvalley/board_decisions/tentative_orders/130102/folsom_info/2_folsom_info_staff_rpt.pdf

Current Complaints

Relationship between the City's 27-inch and 33-inch sewer lines

The resident is concerned about the relationship between the City's two main sewer lines, the 27-inch line and the 33-inch line. Both of these sewer lines were thoroughly investigated by staff and were discussed in the January 2013 Staff Report. In summary, a portion of the flow in Folsom's 27-inch gravity sewer line was re-routed to the 33-inch gravity line to reduce surcharging in the 27-inch line. Both the 33-inch line and the 27-inch line discharge into the Sacramento Regional County Sanitation District's (SRCSD) 54-inch interceptor and the sewage is conveyed to SRCSD's wastewater treatment plant. The re-routing 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, as alleged by the resident. Staff has previously determined, and continues to believe, that this continuing complaint is not an issue.

Improvements since the 2003 Sewer Spills

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 disagrees, 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 the spills reported by other cities throughout the Central Valley region. Over the past five years, Folsom has reported 17 spills/100 miles of sewer line compared to 52 spills/100 miles of sewer line for the regional average. In addition, Folsom's spills over the past five years are lower in volume than the regional average: Folsom reported 20 gallons spilled/1000 capita versus the regional average of 8,592 gallons spilled/1000 capita.

Flow Meters

The third complaint is about the flow meters that the City installed at various locations within its collection system. Folsom is voluntarily measuring flows at various locations within its sewer system; this is not required by the Sanitary Sewer System General Order and therefore the Water Board does not have enforcement authority over whether or not the meters are in place. Folsom is currently upgrading its data collection system by adding new meter sites, replacing existing flow meters, 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 engineering analysis. The City went out to bid on the project earlier this year, but the City Council had to disqualify the two bids. The City went back out to bid on 16 May 2014. Folsom staff are committed to keeping Board staff up to date on the progress.

Capacity of 4-inch line

The fourth, and continuing, complaint is about the capacity of the 4-inch force main from the Young Wo pump station. Due to the number of complaints received about this line, the City hired a consultant to analyze the line and pump station. On 30 November 2012, the City submitted the *Young Wo Pump Station Capacity Analysis* prepared by Jim Crowley, P.E. The analysis evaluated the flows contributing to the pump station (five small pump stations at the corporation yard, the Folsom VFW Hall, and 65 homes in the Lake Natoma Shores subdivision) and the sewer line immediately following the pump station including the 4-inch force line included in the complaints. The analysis concluded that the capacity of the system is sufficient for the reasonably projected flows. Board staff agrees with the conclusion of the analysis and included the analysis as an attachment to the January 2013 staff report. There is no evidence that this sewer system for the Lake Natoma Shores area is undersized or has spilled.

Board Staff Findings

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.

3. NPDES-New Ammonia Standards

On 3 April 2014, the Executive Officer issued a 13267 Order for Information to Central Valley POTWs with surface water discharges. The 13267 Order requires that facilities begin gathering information to implement USEPA's new recommended ammonia criteria. EPA published the new recommended criteria in August 2013. The criteria are generally lower than USEPA's 1999 recommended criteria, which have been used to calculate permit limitations for ammonia for many Central Valley NPDES discharges. Because the new criteria may be recalculated to a less stringent level depending on whether freshwater mussels are present, the 13267 Order allows facilities to participate in a mussels study.

On 23 April 2014, staff and the Central Valley Clean Water Association conducted an ammonia workshop. At this workshop, information was presented on calculating effluent limits using USEPA's new ammonia criteria, background on freshwater mussels, conducting mussels surveys, and the required deliverables of the 3 April 13267 Order. A second ammonia workshop is scheduled for 28 May 2014.

4. Stormwater - Proposed Region-wide MS4 Permit

Certain operators of storm sewer systems (Municipal Separate Storm Sewer Systems, or MS4s) are required to have NPDES permit coverage for discharges from their systems. Currently the MS4s are either covered by individual permits, or by a State Water Board general permit. Central Valley Water Board staff has held several meetings with MS4 stakeholders to discuss creation of a Central Valley Region-wide General Permit for MS4s. Current MS4 permits focus on the permittee's implementation of a wide range of prescriptive Best Management Practices (BMPs) that are presumed to result in water quality protection and improvement. The proposed Region-wide general permit approach would grant the permittees more flexibility on the implementation of their BMPs and place greater focus on demonstrating water quality improvements at targeted priority areas. The permit would provide for an iterative approach and adaptive management to achieve the targeted water quality improvements. Meetings with MS4 stakeholders continue, and will be followed by public workshops, and a Board hearing. (BJS)

PUBLIC OUTREACH

On 5 and 6 March, Brett Stevens and Terry Bechtel participated in "Tailgate" meetings of the San Joaquin Valley Winegrowers Association in Madera and Ceres. Brett and Terry presented information on the board's new ILRP regulatory requirements. There were approximately a total of 60 growers that attended the two meetings.

On 11 March, Guy Chetelat, Ben Letton and Angela Wilson met with Steve Tussing of Battle Creek Conservancy regarding opportunities for collaboration on a proposed SWAMP funded assessment of sediment load and channel habitat conditions in Battle Creek.

On 12 March Alex MacDonald provided an update on the Aerojet and Inactive Rancho Cordova Test Site projects to the Sacramento County Water Authority at its monthly meeting. The update highlighted the additional groundwater extraction and treatment systems that have been constructed over the past several years and the increased containment of the contaminated groundwater.

On March 17, Patrick Morris along with staff from State Board and the San Francisco Bay Board held a meeting with about 30 reservoir owners from around the state to present and discuss a program under development to address fish tissue mercury impairments in the reservoirs. The purposes of this meeting were to inform the reservoir owners about the project, hear their concerns, and discuss opportunities to work collaboratively on future studies and pilot projects. The next meeting with the reservoir owners is scheduled for May 16.

On 18 March, Shane Edmunds and Guy Chetelat participated in the Battle Creek Working Group meeting in Red Bluff. A range of topics was covered including salmonid restoration, impacts from the Ponderosa fire, unsurfaced roads, and marijuana grows.

On 19 March, 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, an assessment of the effectiveness of the Western Groundwater Off-site groundwater extraction and treatment systems and the on-going investigation at several source areas of pollution on the Aerojet property and the Inactive Rancho Cordova Test Site.

On 24 and 25 March Alex MacDonald participated in ITRC's Integrated DNAPL Team meeting. The two-day meeting was used to continue development of the team's next document – Characterization of Sites Containing DNAPLs. The document provides regulators and the regulated community with new concepts on investigation approaches and new tools to be used to provide the needed characterization information. The document is scheduled to be finalized in 2014 and have internet-based training on it to commence shortly thereafter. (AMM)

On 3 April, Guy Chetelat met with Chris Devine of Butte County Association of Governments regarding staff comments on the Butte County Aquatic Resources Plan, part of the Butte County Habitat Conservation Plan, which will require Water Quality Certification.

On 3 April, Holly Grover participated in the Clear Lake Watershed Management Plan Update governance workgroup meeting. Recommendations to update the Plan were discussed. Topics of interest included the Phase II Stormwater Permit, invasive species and drought management.

On 9 April Debra Hallis, Daniel Whitley, and Jacqueline Matthews attended the Sierra Nevada Forest and Community Initiative field trip. Mechanical fuel treatment on steep slopes was viewed and discussed in the field in Lassen County. Industry representatives, USFS Lassen & Plumas, and general public were in attendance.

On 14 and 30 April, Holly Grover participated in the Westside Sac IRWM Coordinating Committee Regular Business Meetings. Both of the meetings centered on selecting projects for submittal for the 2014 DWR Drought Funding Solicitation. Project proposals were discussed.

On 15 April, 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 Air Force and Privatized cleanup projects scheduled for 2014 at McClellan.

On 15 April, Chris Foe attended the Delta Tributaries Mercury Council and presented his report Appendix A: Importance of Primary and Secondary Production in Controlling Fish Tissue Mercury Concentrations. This report was developed to support the statewide mercury control program for reservoirs, and it describes a portion of the scientific basis of the mercury conceptual model and linkage analysis. Appendix A can be found at http://www.waterboards.ca.gov/water_issues/programs/mercury/docs/appa_revdrft2014jan.pdf

On 17 April, Ken Landau spoke to a breakfast meeting of SERTOMA (SERvice TO MAnkind), an international community support group focused on speech and hearing improvement. The topics were the impacts of groundwater overdraft and efforts to protect and improve groundwater quality. The local SERTOMA group hosts a speaker series dealing with a wide variety of environmental and social issues.

On 21 and 22 April, Ben Letton and several other agency representatives (i.e., USFS, DWR, CDFW, and Water Boards) met with UC Davis researchers from the Land, Air, and Water Resources Department. The goal of the gathering was to introduce the work of the Feather River Coordinated Resource Management (FRCRM) group to researchers from UC Davis and to explore needs and opportunities for continued research. The main focal point of discussion was on the pond and plug restoration technique. The Water Boards issue 401 Water Quality Certifications for this type of restoration work.

On 22 April Debra Hallis participated in the Shasta College Earth Day Celebration as a representative. Educational outreach in environmental awareness was conducted as it pertains to the timber environment, surface flows, abandoned roads, and water shortages. Employment opportunities with the Regional Board were also discussed with students.

On 24 April, Guy Chetelat participated in the Lower Clear Creek Restoration Technical Team meeting in Redding. Management options for mercury and lead contaminated dredge tailings were discussed. The Lower Clear Creek Restoration Team has had noteworthy success improving aquatic habitat and floodplain function in this important cold-water tributary to the Sacramento River.

On 24 April Alex MacDonald and James Taylor presented updates on the cleanup activities at Aerojet and the Inactive Rancho Cordova Test Site, and the former McClellan Air Force Base, respectively, to the Sacramento Groundwater Authority. This meeting is held to provide communication between Regional Water Board staff and the water purveyors in Sacramento County.

On 26 April, Dani Berchtold, Whitney Brown, Ben Letton, and George Day presented information on water quality and Regional Water Board programs at the City of Redding Whole Earth and Watershed Festival event. Among other attractions, the team set up a watershed model, which was a big hit with kids.

On 2 May, Janis Cooke participated in a workshop sponsored by the Sierra Fund and the Sierra Nevada Conservancy at the State Capitol regarding health risks of mercury. The keynote speaker was Dr. Jane Hightower, who has published observations of mercury exposure and toxic effects among fish consumers in the Bay area (fish eaten were primarily commercially bought).

On 15 May, Ken Landau spoke at the annual CVCWA conference, providing an update on current and future Water Board activities impacting publically owned wastewater treatment systems.

PERSONNEL AND ADMINISTRATION

STAFFING UPDATE

February 20, 2014 through May 7, 2014

Promotions:

Lauria Molitoris promoted to Staff Services Analyst

Leave of Absence:

Katie Connaughton - WRCE

Return from LOA:

Bethany Soto – ES
Lauria Molitoris – OT
Dannas Berchtold - SEA

222.7 Authorized

Permanent Staff

12 Vacant Positions

Separations:

Stephen Louie – Environmental Scientist in the Sacramento Office TMDL Section transferred to Department of Fish and Wildlife.

New Hires:

Patrick Barnes – Environmental Scientist is working in the Fresno Non Point Source AG Planning program. Patrick has eight years of professional experience and last worked for the Center for Irrigation Technology a CSU Fresno Foundation.

Cindy Au Yeung – Environmental Scientist is working in the Rancho Cordova AG Regulatory Planning program. Cindy was previously working in the same unit as a Scientific Aid after graduating from UC Davis.

Zack Chandler – WRCE works in the Redding NPDES program. Zack has seven years of professional experience and last worked for the Department of Resources Recycling and Recovery.

Temporary Help Positions

Separations	New Hires
Janelle Brown – Scientific Aid Jenna Yang – Scientific Aid Tonia Holmes – Scientific Aid Ashley Patterson – Scientific Aid Jessica Sanchez – Scientific Aid Jessica Riske-Gomez – Scientific Aid Stephanie Torres – Scientific Aid	Nicholas Vadpey – Scientific Aid Janelle Brown – Scientific Aid Tiffany Hsieh – Scientific Aid Selina Cole – Scientific Aid Nicolette Dentoni – Scientific Aid Andrew D'Olier – Scientific Aid Jessica Riske-Gomez – Scientific Aid Hailey Sibert – Eng/Arch Robert Mandeville – Scientific Aid

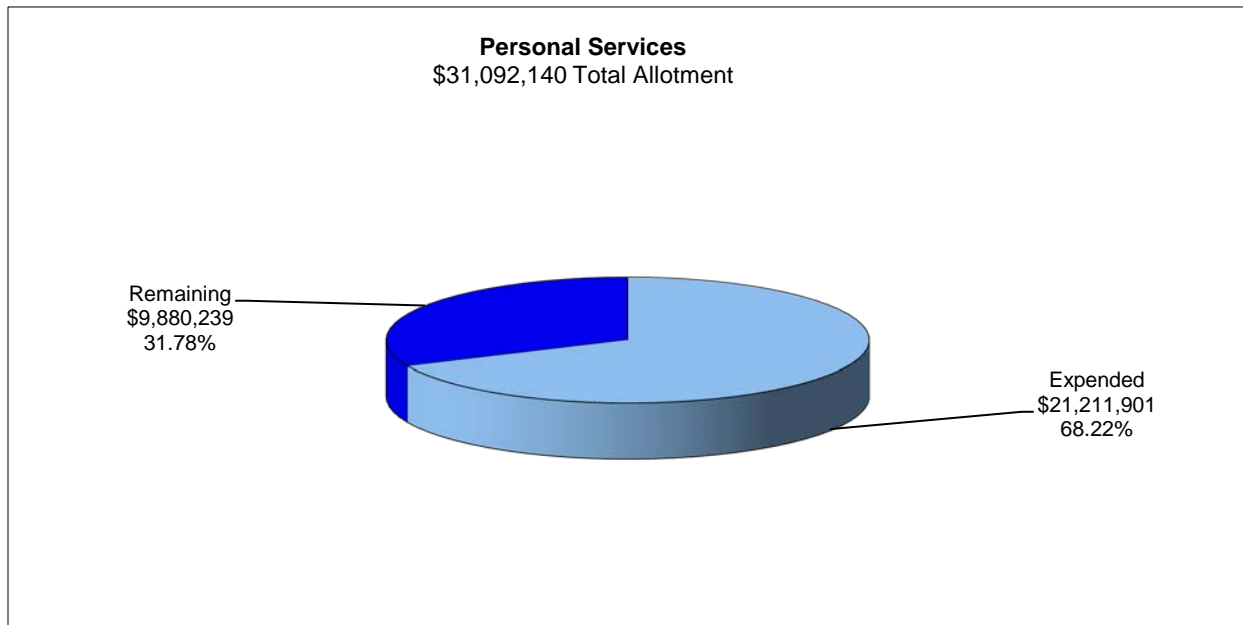
TRAINING UPDATE
February 20, 2014 through May 7, 2014

Class Title	Number of Attendees
2014 Annual IEP Workshop	7
2014 Geotechnical and Environmental Exploration Class -drill class	1
2014 MSSC Annual Salinity Summit	1
24-Hour Hazardous Waste Operations	8
48th Annual Conference of the California-Nevada Chapter of the American Fisheries Society	1
Administrative Officer's Meeting	1
Aquatic Toxicity Testing Workshop	2
ATV Rider Course	5
Basic Supervision for State Supervisors - Part 1	2
Basic Supervision for State Supervisors - Part II	1
Bioassessment and Program Implementation Training	1
CAL/EPA Basic Inspector Academy	10
Civil Surveying Review Workshop	1
Concept of Bioassessment and Program Implementation - Course 1	1
Contracts Training	2
Course #300: Fundamental Inspector Course -Online Training (FIC)	1
Defensive Drivers Training	32
Enforcement Staff Training	79
Fe Civil Exam	1
Fire Ecosystem Forest Management and Water Yield Symposium	2
Geo Symposium	1
Groundwater Basic Training for CA Dept of F&W-Interior Region 1	2
Hazardous Materials Technician Specialist Refresher	2
Introduction to Aquatic Toxicology	1
Introduction to ArcGIS for the Water Boards	1
Laboratory Safety	1
Maximizing Stakeholder Meetings & Processes Level 1-2	4
Movement of Light Non-Aqueous Phase Liquids, Risk Perspective	2
MS 4 Inspection Audit Training	1
Municipal Separate Storm Sewer System MS4 Inspection Audit Training	4
NCEES National 8-hour Exam Review	2
New Employee Orientation	1
NPDES Wastewater Facility Inspections Training	16
Pretreatment Training For Regulators	3
Principles of Contaminant Transport & Fate in Soil & Groundwater	10
Program Analysis and Evaluation	1
Responsible Party Search Fundamentals	2
Security Awareness Training 2014	10
Smart Negotiator Workshop: Negotiation Skills for Env. Enforcement Staff	3
State Supervisory Training Module 1:Role of Supervisor, Effective Communication	1
Training+Innovation=Excellence, CWEA 2014 Annual Conference	1
Why Are So Many Groundwater Contaminant Plumes Persistent?	1
Word Training for NPDES Templates	3

FISCAL UPDATE
Expenditures through March 2014
(75% should have been expended to date)

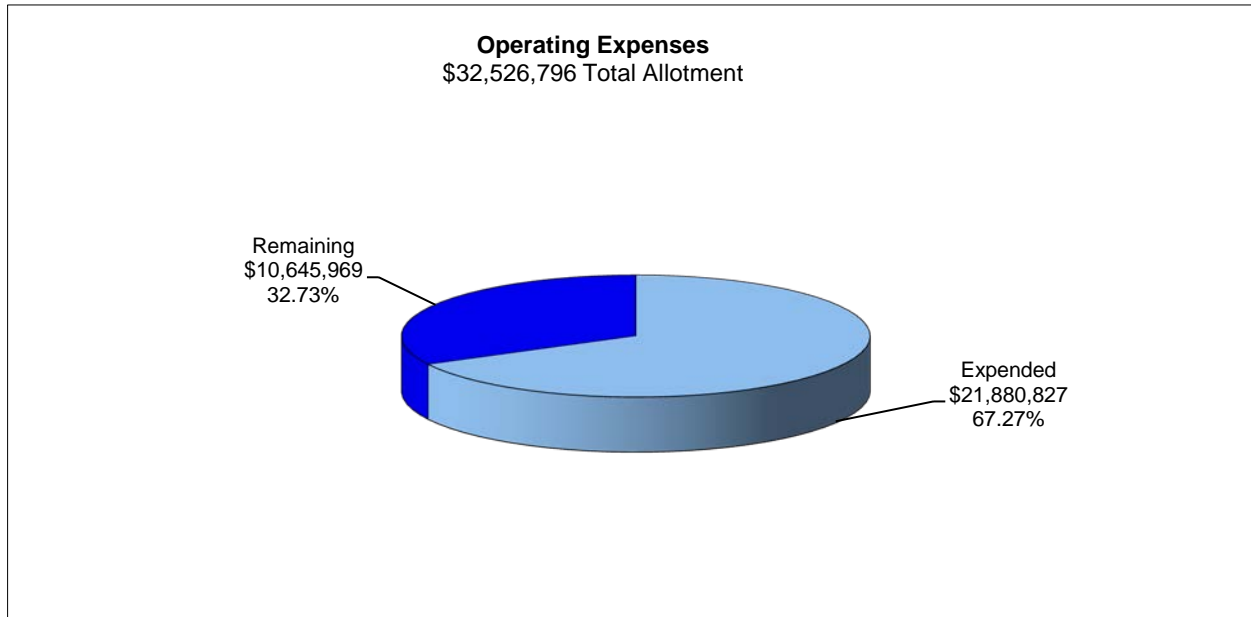
Personal Services:

Our Personal Services budget for the 2013/14 Fiscal Year is \$31,092,140. At our current rate of expenditure there will be a significant savings in personal services.



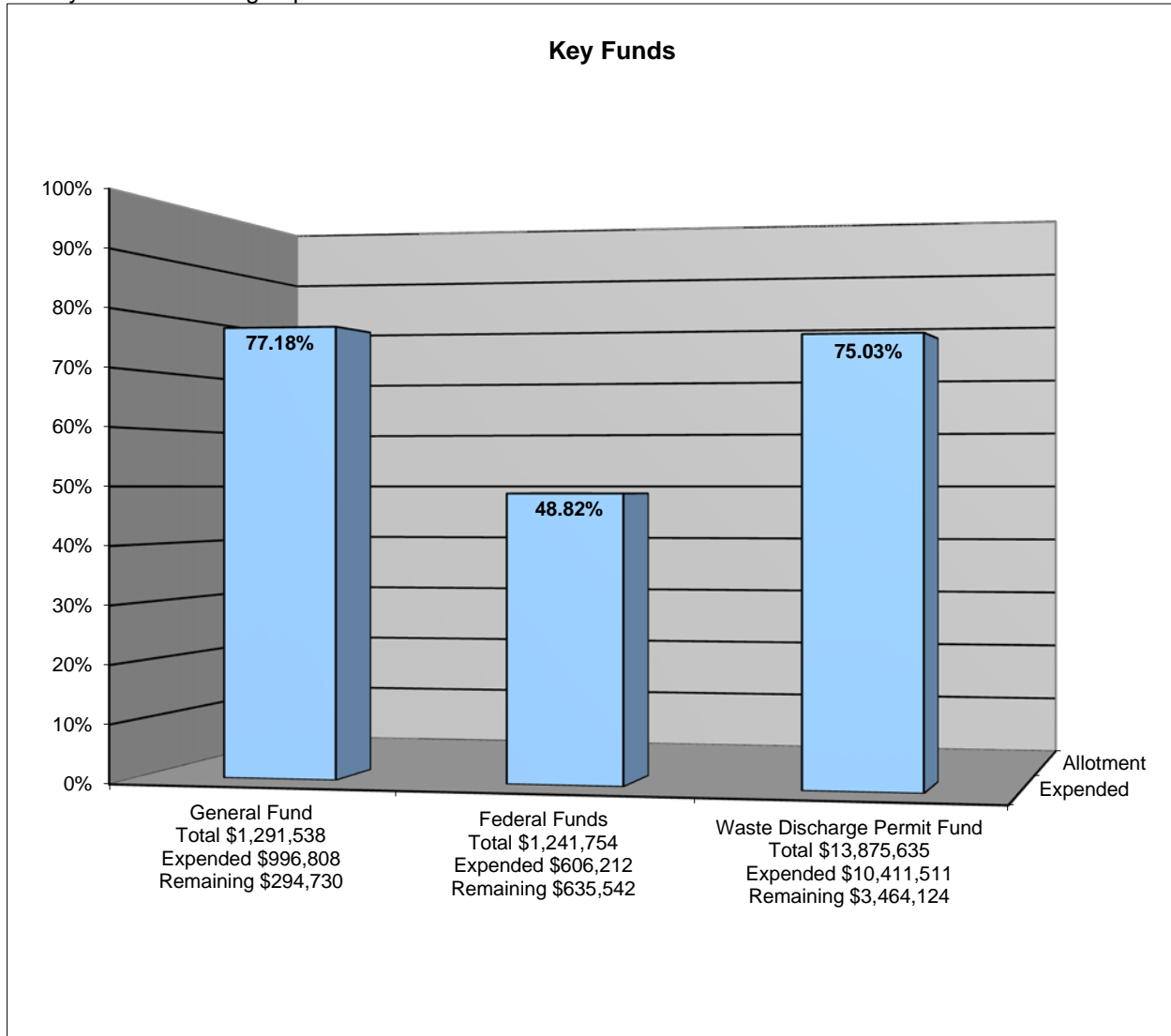
Operating Expenses:

Our Operating Expense budget for the 2013/14 Fiscal Year is \$32,526,796. We anticipate that we will slightly underspend these funds.



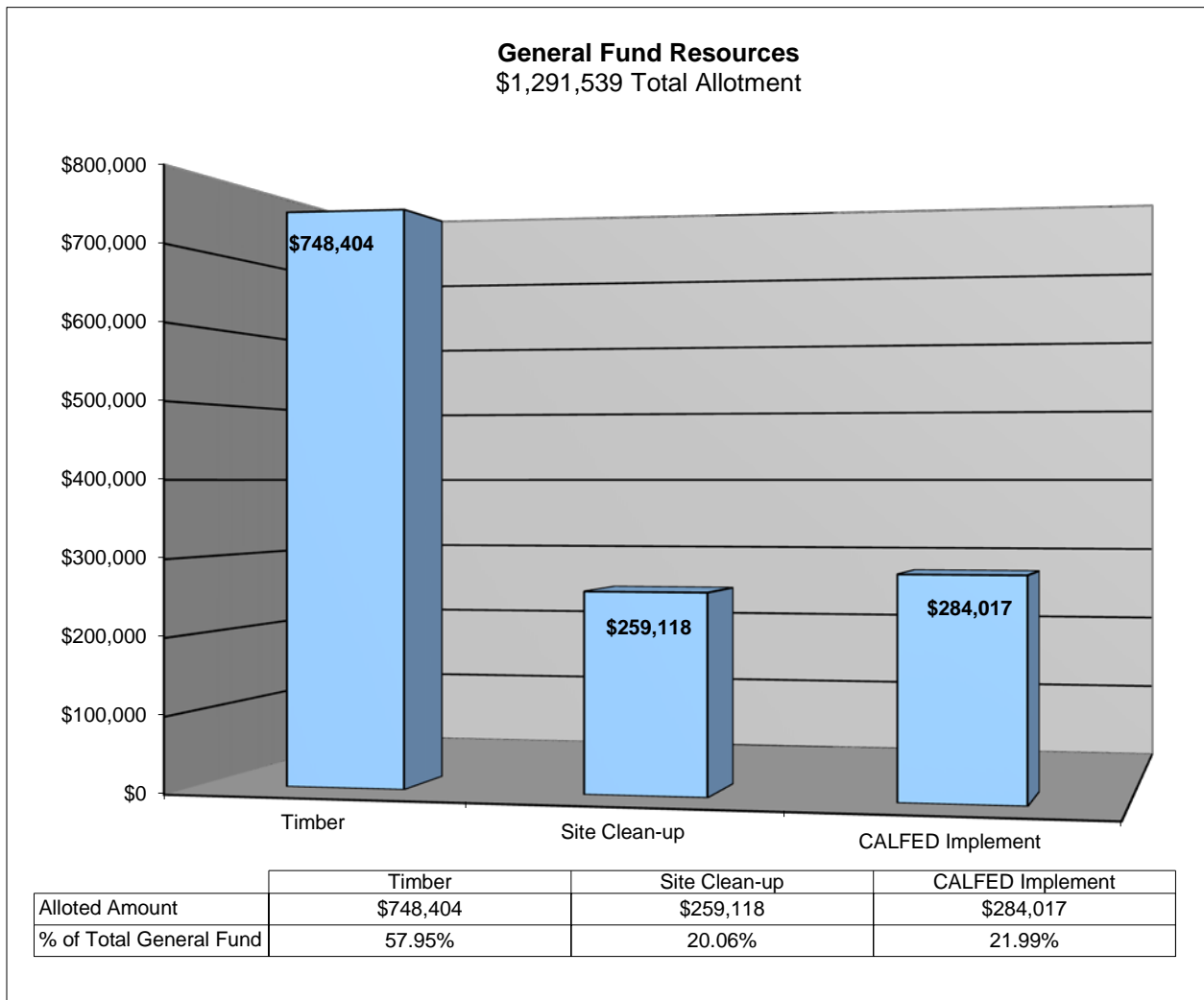
Key Fund Issues:

All key funds are being expended at a reasonable level.



General Fund Resources:

Our General Fund budget for the 2013/14 Fiscal Year is \$1,291,539.



FISCAL REPORT

Our State Board Budget Office is in the process of updating the fiscal data tracking system. No budget or expenditure information is available at this time.

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.

AUGUST 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- City of Anderson WWTP Permit Renewal
- City of Merced WWTF Permit Renewal
- San Andreas Sanitary District WWTP Permit Renewal
- City of Turlock WWTP Time Schedule Order
- Sierra Pine Ltd. – Ampine Division Permit Amendment
- 16 to 1 Mine Permit Issuance
- Sacramento Regional County Sanitation District Permit Amendments

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Del Monte, Plant 24 (Revised WDRs)
- Gateway Village (Revised WDRs)
- Franzia Sanger Winery (Revised WDRs)
- City of Dixon, Dixon WWTF (Revised WDRs)
- Syngenta Seed (Revised WDRs)
- Irish Hill Quarry (New WDRs)
- Compost Solutions (Revised WDRs)
- Pacific Coast Producers (Revised WDRs)

LAND DISPOSAL PROGRAM – CHAPTER 15/TITLE 27

- Aqua Clear Farms (Revised WDRs)
- Dellar Landfill (Revised WDRs)
- Musco Olive (Revised WDRs)
- Timm Mine (Revised WDRs)
- Zenda Mine (Revised WDRs)
- Visalia Landfill (Modifying WDRs)

Storm Water Program – Permitting

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

OCTOBER 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Stallion Springs Permit Renewal
- Malaga CWD Permit Renewal
- J.F. Shea/Fawndale Rock and Asphalt Permit Renewal
- Stimpel-Wiebelhaus Associates/Mountain Gate Limestone Quarry Permit Renewal
- Lehigh Southwest Cement Co./Mountain Gate Permit Renewal
- City of Woodland Permit Renewal
- Tehama Co./Mineral WWTP Permit Renewal
- SPI-Burney Permit Renewal
- Bell Carter Olive Company Industrial WWTP Permit Renewal

Confined Animal Program

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM – DISPOSAL TO LAND

- Mendota, City of (Revised WDRs)
- Delhi WWTF (Revised WDRs)
- E&J Gallo Fresno Winery (Revised WDRs)
- Small Food Processors and Wineries (Waiver Renewal)
- Shasta Renewable Resources LLC (New WDRs)
- Willows Valley Rock, Gravel Washing Facility (New WDRs)

DECEMBER 2014 BOARD MEETING

NPDES PROGRAM-PERMITTING

- Crystal Creek Aggregate Inc. Permit Renewal
- Bear Valley CSD WWTF Renewal
- Concentrated Aquatic Animal Production General NPDES Permit Renewal
- City of Manteca WQCF Permit Renewal

PENDING ACTIONS, BUT NOT YET SCHEDULED FOR A BOARD MEETING

NPDES PROGRAM – PERMITTING

- Sierra Pacific Industries-Quincy Permit Renewal
- Nevada County Wildwood Permit Renewal
- Nevada County Cascade Shores Permit Renewal
- Sliger Mine Permit Renewal
- San Juan Mine Permit Issuance
- Lazarus Mining LLC –Telegraph, Dutch, and Klondike adit discharges – Permit Renewal
- UC Davis Main – Permit Renewal

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)

WASTE DISCHARGE REQUIREMENTS (WDR) PROGRAM - DISPOSAL TO LAND

- 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)
- City of Redding, Redding Power (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)
- 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)
- Linden Nut Company, Linden Walnut Processing Facility (New WDRs)
- City of Lathrop, Lathrop Consolidated WWTF (Revised WDRs)
- City of Lathrop, Crossroads WWTF (Revised WDRs)

- CA Department of Water Resources, Lime Saddle Campground (Revised WDRs)
- Almanor Lakeside Villas (Revised WDRs)
- Victor Raisin Packing (Revised WDRs)
- Paramount Farms, Kings Facility (Revised WDRs)
- City of Huron (Revised WDRs)
- Keenan Farms Pistachio Plant (Revised WDRs)
- Monarch Nut Company (Revised WDRs)
- Carruthers WWTF (Revised WDRs)
- City of Lone (Revised CDO)
- Aetna Springs Resort (Revised WDRs)
- Sutter Home Winery (Revised WDRs)
- Sacramento Rendering Co. (Revised WDRs)
- UC Davis Center for Aquatic Biology (New WDRs replacing NPDES permit)
- Bear Creek Winery (Revised WDRs)

SIGNIFICANT POLICIES, PLANS AND PERMITS UNDER DEVELOPMENT OR PENDING DEVELOPMENT

Key	Item	Status	Statewide or Regional Project	Org. Lead
*A	Antidegradation Policy	2014-05-21 The State Water Board has identified this project as a priority for 2014. Focused stakeholder meetings were held in October and November 2013. State Water Board member briefings were completed on February 4, 2014. State Water Board staff is considering preparation of an Implementation Plan Appendix to the existing Antidegradation Policy to address application of the Antidegradation Policy to groundwater. The work team, composed of members from the State Water Board and Regional Water Boards, convened in Sacramento on April 21, 2014, to consider stakeholder comments and work on the framework for the Implementation Plan. The next work group meeting is scheduled for June 27, 2014. A scoping document is expected to be completed in September 2014.	Statewide	SB
A-14	Aquatic Pesticide General Permit – Vector Control	2014-05-21 Staff is proposing that the State Water Board amend the Statewide Vector Control Permit to: (1) add to the permit all adulticide and larvicide active ingredients that are currently registered by the Department of Pesticide Regulation (DPR) for vector control, but are not currently listed in the permit; (2) provide receiving water limitations and receiving water monitoring triggers for the active ingredients that are being added to the permit in order to maintain permit format consistency; and (3) include language that allows adulticides and larvicides that are newly-registered in California, but are based on active ingredients that are currently registered by DPR to be used for vector control without having to further amend the permit. Staff released the draft order on May 12, 2014 for a 30-day comment period. The draft order is tentatively scheduled for State Water Board consideration of adoption in September 2014.	Statewide	SB
A-15	Bacteria Standards for Ocean and Inland Surface Waters	2014-04-30 The State Water Board is developing proposed statewide bacteria water quality objectives and a control program to protect human health in waters designated for water contact recreation (REC-1) from the effects of pathogens. The bacteria objectives would be adopted as amendments to the Statewide Inland Surface Waters, Enclosed Bays and Estuaries Plan (currently under development) and the California Ocean Plan. Focused stakeholder meetings are planned for April – June 2014. Public release of draft documents is targeted for Spring 2015.	Statewide	SB
A-15	Biological Integrity Plan Development	2014-04-25 On April 23, 2014, State Water Board staff held a meeting to inform stakeholders that staff plan to proceed with developing an implementation plan to meet biological integrity policy goals, rather than developing water quality objectives. Staff also updated stakeholder on the progress of the stakeholder subcommittee on defining critical terms that will bound the scope and implementation of the policy. Staff expect to have draft policy language completed by the end of 2014.	Statewide	SB
A-15	Cadmium Objective and Hardness Implementation Policy	2014-05-01 Staff is preparing the staff report and draft amendment to the Inland Surface Waters, Enclosed Bays, and Estuaries Water Quality Control Plan	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Composting Operations Statewide General Order	2014-05-02 Staff is preparing an Environmental Impact Report (EIR) to evaluate the environmental impacts of adoption and implementation of the Draft Statewide General Waste Discharge Requirements for Composting Operations (Order) in accordance with the California Environmental Quality Act. This has been a collaborative effort with CalRecycle and Air Resources Board. Staff plan to have the draft EIR and proposed Order available for public release in July/August 2014.	Statewide	SB
A-14	Draft WQCP update for San Joaquin River flows and southern Delta salinity objectives	2014-05-21 2014-04-25 2014-01-29 Draft Substitute Environmental (SED) released on December 31, 2012 for public comment. Hearing to receive comments on the SED was held on March 20-21, 2013, and comments were received by March 29, 2013. Revised Draft SED to be recirculated for public comment late summer 2014. Draft plan amendment to be brought to the Board for consideration in spring of 2015.	Statewide	SB
A-14	General Waste Discharge Requirements for the use of Recycled Water	2014-05-30 Draft Statewide General Order for Recycled Water Use was released on April 25, 2014. The General Order will be used to streamline permitting for all title 22 compliant uses of recycled water, except for groundwater replenishment activities. Recycled water covered under this General Order is primarily treated municipal wastewater and may be used for agricultural irrigation, urban landscaping, dust suppression, and other non-potable uses. State Water Board will consider adoption of this General Order at the June 3, 2014 Board meeting. The draft General Order is available at: http://www.waterboards.ca.gov/water_issues/programs/land_disposal/waste_discharge_requirements.shtml Written comments are due by 12:00 noon on May 27, 2014 http://www.waterboards.ca.gov/water_issues/programs/land_disposal/docs/notice_recycled_water_2014.pdf	Statewide	SB
A	Grazing	2014-05-20 The Water Boards have formed a work team to develop this project (titled Statewide Grazing Regulatory Action Project or Grazing RAP). The work team generally meets monthly. The work team has developed a stakeholder outreach strategy and a fact sheet. Some outreach to stakeholders such as the USFS, BLM, NRCS, CalFire and the CCA has begun. The work team is now planning for State Water Board member briefings in advance of Focused Stakeholder Listening (FSL) sessions scheduled to start this summer, as well as preparing for the FSL sessions. Website: http://www.waterboards.ca.gov/water_issues/programs/nps/grap.shtml	Statewide	R6
P	Listing Policy Update (Sediment Quality Objectives)	2014-03-03 CEQA Scoping Meeting held on March 29, 2010. On hold until the Human Health SQO Assessment frame work is completed and adopted.	Statewide	SB
P	Mercury Offset Policy	2014-04-04 A partial economic analysis was received from the contractor. No further funding is available to complete the economic analysis.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A	Mercury TMDL (Reservoirs)	2014-05-30 Staff from Regions 2 and 5 is developing a TMDL and implementation plan to address 74 reservoirs around the state that are impaired by mercury. In March 2012, staff held CEQA Scoping meetings in Sacramento, Oakland, Riverside and Redding. Currently staff is working on the scientific and technical analysis (source analysis, linkage, targets, implementation plan considerations) and developing options for load and waste allocations. In addition, staff is developing a framework document to outline the elements that could be in a statewide plan to reduce fish mercury levels in the reservoirs. The framework document is being integrated with the statewide methylmercury objectives project. Focused stakeholder group meetings are being held in 2014. To date, staff has met with the reservoir operators on March 17 and May 16, 2014.	Statewide	R5
A	Methylmercury Objectives	2014-05-30 Staff is preparing draft regulatory language and a draft staff report and coordinating on efforts to develop a statewide mercury TMDL. The draft staff report and the draft regulatory language are expected to be sent to peer review in September 2014. Focus group meetings are scheduled to begin in late June 2014.	Statewide	SB
A	Natural Resources	2014-04-04 A draft natural source issue paper has been submitted to the Basin Planning Roundtable for review and comment. Issues include recommendations for making designations where natural background exceeds the water quality objectives.	Statewide	SB
A	Nonpoint Source (NPS) Implementation and Enforcement Policy Amendments	2014-04-30 The NPS Implementation and Enforcement Policy (NPS Policy) is being updated to preclude the use of prohibitions of waste discharge for addressing NPS discharges for those land uses (e.g.; irrigated lands) already covered under other regulatory mechanisms (e.g.; waivers of waste discharge requirements) for which discharger enrollment fees are being assessed. Staff anticipates releasing a Draft of the NPS Policy amendments in Summer 2014.	Statewide	SB
A	Nutrient Numeric Endpoints Tools	2014-05-01 Staff is currently working with technical advisory groups to produce an implementation strategy document. U.S. EPA has contracted to have nutrient numeric endpoint protocol updated with results of case studies and lessons learned. This year, staff will organize a stakeholder advisory group, a science advisory group, and will expand a regulatory advisory group for nutrients in perennial wadeable streams.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Sediment Quality Objectives (SQOs) for Enclosed Bays and Estuaries: Phase II*	2014-05-01 Development of human health objectives is in progress. Staff, the SQO Advisory Committee, and Agency Coordinating Committee have met quarterly to create a process for implementing the tiered assessment framework developed by Southern California Coastal Water Research Project (SCCWRP). Staff is also meeting monthly with the Los Angeles Regional Water Quality Control Board, the Ports of Los Angeles and Long Beach, and SCCWRP (known as the Harbor Technical Work Group [HTWG]) to collaborate on studies that will assist in the development, testing, and implementation of Phase II SQO's. The HTWG will refine plans in support of the ports' TMDL activities. Staff established a sediment quality workgroup to coordinate contracts and projects, and address technical issues within coastal regions. Staff anticipates release of the draft SQO amendments and substitute environmental document in July 2015.	Statewide	SB
A-14	Statewide NPDES Permit for Discharges from Drinking Water Systems	2014-04-07 State Water Board staff has been actively engaging Regional Water Board staff and the U.S. Forest Service in the development of alternatives to a Statewide Conditional Waiver that was proposed in 2011 but was not adopted by the State Water Board. One effort moving forward is the Grazing Regulatory Action Project, which includes consideration of grazing activities on U.S. Forest Service land. Additionally, a spatial analysis of U.S. Forest Service non-point source generating activities and infrastructure is underway. The spatial analysis is a coordinated effort with the Grazing Regulatory Action Project and will inform State Water Board and Regional Water Board staff of the highest priority activities and infrastructure for which the most appropriate regulatory measure could be applied.	Statewide	SB
A-14	Timber Activities on National Forest System Lands	2014-04-07 State Water Board staff has been actively engaging Regional Water Board staff and the U.S. Forest Service in the development of alternatives to a Statewide Conditional Waiver that was proposed in 2011 but was not adopted by the State Water Board. One effort moving forward is the Grazing Regulatory Action Project, which includes consideration of grazing activities on U.S. Forest Service land. Additionally, a spatial analysis of U.S. Forest Service non-point source generating activities and infrastructure is underway. The spatial analysis is a coordinated effort with the Grazing Regulatory Action Project and will inform State Water Board and Regional Water Board staff of the highest priority activities and infrastructure for which the most appropriate regulatory measure could be applied.	Statewide	SB
A-14	Toxicity Amendments to the Inland Surface Waters, Enclosed Bays, and Estuaries Plan	2014-05-01 The draft toxicity amendments, revised staff report, and response to public comments received in summer 2012 are currently undergoing internal review. Another comment period will begin once these documents are released in summer 2014. An adoption meeting is anticipated for fall 2014.	Statewide	SB

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Trash WQC Plan Amendments	2014-05-30 Statewide water quality control plans are to be amended to address trash in water ways. In April and May 2013, staff held fourteen stakeholder outreach meetings. The objective of these meetings was to provide an overview and to receive feedback on the key issues before the public release of the draft plan amendments. Based on the feedback from these outreach efforts, staff is preparing a draft plan document and staff report, targeted for release in June 2014. A board workshop is tentatively scheduled on early summer and potential public hearing at the end of summer 2014.	Statewide	SB
A-14	Waste Discharge Requirements for Small Domestic Wastewater Treatment Systems (97-10 update)	2014-04-30 The Draft Small Domestic Wastewater Treatment Systems General Order is under development. Staff anticipates taking the item to the State Water Board for consideration in July or August 2014.	Statewide	SB
A-14	Wetland Area Protection and Dredge and Fill Permitting Policy – Phase I	2014-05-01 Selected stakeholder meetings were held in April 2013 to receive comments on specific issues related to the Preliminary Draft Wetland Policy posted online January 28, 2013. Separate meetings were held with representatives of the business, utilities, environmental advocacy and Central Valley Joint Ventures stakeholder groups. State Water Board staff will consider these comments in preparing the draft Wetland Policy, which is scheduled for public release by fall 2014.	Statewide	SB
A	Federal Land Management Agency Sites Memorandum of Understanding	2013-04-26 Negotiating a MOU between USFS, BLM, DTSC, DFG, DOC, SWRCB, Regional Boards, that will establish principles for the parties to work cooperatively within the State to identify, prioritize, investigate and cleanup inactive and abandoned mine lands. Recently renewed	Statewide	R5
P	Modify the Beneficial Uses for Freshwater Aquatic Habitat and Remove Spawning for West Squaw Creek - Amendment to the Sacramento River and San Joaquin River Basin Plan	2013-05-29 Use Attainability Analysis was conducted to demonstrate the current beneficial uses assigned to West Squaw Creek, a stream heavily impacted by acid mine drainage, are not achievable. Specifically, the stream cannot support fish and other pH or metal sensitive aquatic species and spawning of selected fish species defined in the Basin Plan. A Staff Report including the proposed amendments and CEQA functional equivalent document was presented to the Regional Board on 9 July 2004. The Regional Board adopted Resolution R5-2004-0090 which included the UAA, Staff Report, Functional Equivalent Document and proposed amendments. BPA rejected by State Board. Staff gathering additional information to respond to State Board and USEPA comments. Expected completion date 2015	Statewide	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-15	Establish New Water Quality Objectives for Salinity and Boron in the Lower San Joaquin River - Amendment to the Sacramento River and San Joaquin River Basin Plan.	2014-05-19 Regional Board completed CEQA Scoping meeting in March 2009. Development of proposed water quality objectives being conducted the stakeholder driven, CV-SALTS Lower San Joaquin River sub-committee. The Amendment is tentatively scheduled for consideration by the Regional Board in December 2015. Status report provided to Regional Board on 28 March 2014	Statewide	R5
A-14	Organochlorine Pesticides in the Sacramento River and San Joaquin River Basin Plan	2014-03-25 Regional Board completed CEQA Scoping meeting in July 2009. Staff reviewing work completed to date to determine whether to proceed with TMDL development. A summary report on OC pesticides is scheduled to be completed by October 2014.	Statewide	R5
A	CV-SALTS – Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley – Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	CV-SALTS – Developing a Salinity and Nitrate Management Plan for all basins in the Central Valley – Basin Plan Amendment for the Sacramento River and San Joaquin River Basin Plan, Tulare Lake Basin Plan and the Delta Water Quality Control Plan	Statewide	R5
A-14	Basin Plan Amendment – Receiving waters for the Cities of Colusa, Willows, Live Oak and Biggs	2014-05-19 Case study conducted in coordination with CV-SALTS for two phase evaluation of appropriate beneficial uses and level of protection in Ag dominated waterbodies. Phase I to focus on MUN with consideration of basin plan amendment anticipated in December 2014. CEQA Scoping completed Oct/Nov 2012. Phase II to focus on other beneficial uses with timeline dependent on results from Phase I. Goal to adopt appropriate beneficial uses and water quality objectives in 27-individual ag dominated water bodies as well as a process for determining appropriate uses and objectives region-wide.	Statewide	R5
A-15	General Order for Poultry Facilities	2014-05-21 General Order for poultry raising and egg laying facilities. May include tiered requirements depending on types of waste management practices used at facility.	Statewide	R5
P	New winery waste guidelines	2013-04-26 Industry recommendations will be reviewed by CVSALTS Management Practices Subcommittee	Statewide	R5

Key	Item	Status	Statewide or Regional Project	Org. Lead
A-14	Update of the Waste Discharge Requirements for the Grasslands Bypass Project	2014-05-23 WDRs are being updated to reflect a Basin Plan amendment and the Use Agreement between the US Bureau of Reclamation and the San Luis and Delta-Mendota Water Authority for Phase III of the project. Board consideration scheduled for 2014.	Statewide	R5
P	New Manual of Good Practice for Land Application of Food Processing/Rinse Water	2013-04-26 Industry recommendations will be reviewed by CVSALTS Management Practices Subcommittee	Statewide	R5
A-15	Template for individual WDRs for new and expanding dairies	2014-05-21 Under development	Statewide	R5
A-15	Central Valley Diuron Basin Plan Amendment	2013-12-03 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in June 2014, Board Hearing in June 2015.	Statewide	R5
A-15	Central Valley Pyrethroids Basin Plan Amenemdment	2013-12-03 In development. Scoping meeting held in October 2012. Scheduled for peer review draft release in June 2014, Board Hearing in June 2015.	Statewide	R5
A	General Order for Bovine Feedlots	2014-05-21 General Order to regulate bovine feedlots (other than dairies - e.g., heifer facilities, calf raising facilities, beef cattle facilities).	Statewide	R5
A-15	Region-wide General Order for MS4s	2014-05-22 Stakeholder Working Group meetings ongoing, latest 13 May 2014.	Statewide	R5
Legend				
A = Active		A-## = Active-Target Year for Completion		
P = Pending		*A=Priority Project for State State Board		

ATTACHMENT A - Sanitary Sewer Spills - Summary Report

Count of Spills 19 February through 14 April 2014

Count of Spills Start Date	5F				5R				5S				Grand Total
	Category 1	Category 2	Category 3	5F Total	Category 1	Category 2	Category 3	5R Total	Category 1	Category 2	Category 3	5S Total	
February	0	0	1	1	1	0	2	3	3	0	61	64	68
March	2	2	11	15	1	1	1	3	4	2	21	27	45
April	0	0	2	2	0	0	0	0	1	0	3	4	6
Grand Total	2	2	14	18	2	1	3	6	8	2	85	95	119

Spill Cause	Count of Spills	%
Root Intrusion	60	50%
Debris-General	16	13%
Grease Deposition (FOG)	14	12%
Other	8	7%
Debris-Rags	5	4%
Pipe Structural Problem/Failure	5	4%
Debris from Construction	2	2%
Operator Error	2	2%
Pump Station Failure-Power	2	2%
Pump Station Failure-Mechanical	1	1%
Debris from Lateral	1	1%
CS Maintenance Caused Spill/Damage	1	1%
Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure	1	1%
Damage by Others Not Related to CS Construction/Maintenance	1	1%
Grand Total	119	

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., infiltration pit, percolation pond).

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	City of Stockton MUD CS	804652	Certified	Category 1	1520 E. Harding Way	San Joaquin	Yes	2,940	2,940	03/08/14	Debris from Lateral
5S	San Andreas CS	804329	Certified	Category 1	MH E-500	Calaveras	Yes	1,500	1,500	02/26/14	Debris from Construction
5R	Mt Shasta CS	804037	Certified	Category 1	N. Mt. Shasta Blvd. @ Alma St.	Siskiyou	Yes	900	900	02/20/14	Debris-General
5S	Sacramento Area Sewer District CS	805192	Certified	Category 1	108739	Sacramento	Yes	483	481	03/30/14	Root Intrusion
5S	City of Woodland CS	804415	Certified	Category 1	1327 College Street	Yolo	Yes	449	384	03/02/14	Root Intrusion
5S	Discovery Bay CS	804771	Certified	Category 1	Discovery Bay CA	Contra Costa	Yes	100	100	03/19/14	Other (specify below)
5F	Twain Harte CSD CS	804567	Certified	Category 1	Mono DR SSO	Tuolumne	Yes	452	78	03/10/14	Root Intrusion
5F	Bear Valley Csd CS	805119	Certified	Category 1	Pindale and Four Island Lake	Kern	Yes	50	50	03/26/14	Debris-General
5S	Easterly CS	804336	Certified	Category 1	1450 E. Monte Vista	Solano	Yes	138	41	02/27/14	Grease Deposition (FOG)
5S	City of Sacramento Utilities CS	805175	Certified	Category 1	7266 AMHERST ST, SACRAMENTO, CA	Sacramento	Yes	38	38	04/01/14	Grease Deposition (FOG)
5R	Red Bluff CS	804514	Certified	Category 1	200 Cabernet ct	Tehama	Yes	40	30	03/08/14	Other (specify below)
5S	City Of Jackson CS	804231	Certified	Category 1	601 argonaut dr. Jackson ca. 95642 sewer lift station	Amador	Yes	50	20	02/25/14	Pump Station Failure-Power
5F	Wasco State Prison CS	804785	Certified	Category 2	Wasco State Prison	Kern	No	250,000	0	03/20/14	Debris-Rags
5S	City of Stockton MUD CS	804509	Certified	Category 2	1256 Ryde Ave	San Joaquin	No	3,375	0	03/11/14	Grease Deposition (FOG)
5F	Yettlem / Seville CS	804875	Certified	Category 2	Tulare County: Avenue 392 between Hwy. 63 and Rd. 140	Tulare	No	3,000	0	03/20/14	Damage by Others Not Related to CS Construction/Maintenance (Specify Below)
5S	Modesto CS	804898	Certified	Category 2	712 Tuolumne Blvd	Stanislaus	No	1,470	0	03/20/14	Debris-General
5R	Redding City CS	805015	Certified	Category 2	Manhole E8-2, located just east of 11037 Erickson Way	Shasta	No	1,260	0	03/23/14	Other (specify below)
5F	Farmersville WWTP CS	804880	Certified	Category 3	Wastewater Treatment Plant	Tulare	No	800	0	03/24/14	Other (specify below)
5S	City of Woodland CS	804344	Certified	Category 3	Del Oro St. & Brown Ave. SMH63	Yolo	No	675	0	02/27/14	Other (specify below)
5S	Manteca CS	804744	Certified	Category 3	1107 Virginia	San Joaquin	No	648	0	02/28/14	Grease Deposition (FOG)
5S	Sacramento Area Sewer District CS	805105	Certified	Category 3	104998	Sacramento	No	600	0	02/19/14	Root Intrusion
5F	Ford City-Taft Heights CS	805086	Certified	Category 3	Intersection of 10th and E streets, Taft	Kern	No	400	0	03/23/14	Debris-General
5S	Nw Regional Waste Disp Fac CS	804842	Certified	Category 3	3299 Ogden Drive, Lucerne, CA	Lake	No	400	0	03/22/14	Root Intrusion
5F	East Niles Community Services CS	805224	Certified	Category 3	Intersection of Hwy 184 & Kernita rd.	Kern	No	275	0	04/03/14	Grease Deposition (FOG)
5F	East Niles Community Services CS	805422	Certified	Category 3	1129 Chelsea	Kern	No	260	0	04/13/14	Grease Deposition (FOG)
5F	Kern Sanitation Authority CS	804632	Certified	Category 3	1515 camino primavera, bakersfield	Kern	No	250	0	03/13/14	Root Intrusion
5F	Kettleman City WWTF CS	804540	Certified	Category 3	9th & Edward/Millham, Kettleman City California	Kings	No	250	0	03/03/14	Debris-General
5S	Colfax CS	804000	Certified	Category 3	Man Hole near Whitcomb Ave on South Auburn street	Placer	No	245	0	02/20/14	Debris-Rags
5S	Turlock CS	804395	Certified	Category 3	E. Toulumne Spill	Stanislaus	No	238	0	02/24/14	Debris-General
5F	Clover Creek CS	804841	Certified	Category 3	Lodgepole Housing	Tulare	No	200	0	03/22/14	Debris-General
5R	City Of Oroville CS	804349	Certified	Category 3	MH A-11A	Butte	No	200	0	02/26/14	Grease Deposition (FOG)
5S	Modesto CS	804668	Certified	Category 3	700 Leytonstone Ave	Stanislaus	No	181	0	03/13/14	Root Intrusion
5S	Nw Regional Waste Disp Fac CS	804496	Certified	Category 3	5417 Lancaster	Lake	No	125	0	03/10/14	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	804529	Certified	Category 3	104999	Sacramento	No	101	0	02/19/14	Root Intrusion
5S	City Of Auburn CS	804824	Certified	Category 3	186 Stephen Ave SSO	Placer	No	100	0	03/11/14	Pipe Structural Problem/Failure
5S	El Dorado Hills CS	804864	Certified	Category 3	EDH-2014-03-01	El Dorado	No	100	0	03/21/14	Debris from Construction
5S	Lathrop CS to Manteca WQCF CS	804851	Certified	Category 3	745 N Street	San Joaquin	No	100	0	03/23/14	Grease Deposition (FOG)
5S	Lincoln CS	804646	Certified	Category 3	760 Devonshire Lane Lincoln Ca 95648	Placer	No	100	0	03/12/14	Other (specify below)
5S	Marysville CS	805341	Certified	Category 3	714 I st.	Yuba	No	100	0	03/12/14	Debris-Rags
5S	Marysville CS	805342	Certified	Category 3	505 Aldridge Drive	Yuba	No	100	0	03/14/14	Grease Deposition (FOG)
5S	Murphys CS	804427	Certified	Category 3	280 Watkins St., Murphys, CA	Calaveras	No	100	0	02/26/14	Root Intrusion
5S	City of Stockton MUD CS	804249	Certified	Category 3	3944 William Ct Stockton Ca.	San Joaquin	No	80	0	02/20/14	Debris-General
5S	City of Stockton MUD CS	805191	Certified	Category 3	812 San Miguel Av	San Joaquin	No	70	0	03/28/14	Root Intrusion
5F	Atwater CS	804708	Certified	Category 3	Betticino Ct	Merced	No	60	0	03/16/14	Pump Station Failure-Power
5R	Red Bluff CS	804693	Certified	Category 3	Kimball Rd	Tehama	No	60	0	03/14/14	Debris-Rags
5S	Sacramento Area Sewer District CS	804536	Certified	Category 3	105225	Sacramento	No	59	0	02/21/14	Root Intrusion
5F	Los Banos City CS	804553	Certified	Category 3	Parkwood Drive X Beachwood Drive	Merced	No	56	0	03/09/14	Pump Station Failure-Mechanical
5S	City of Sacramento Utilities CS	805130	Certified	Category 3	883 PARKLIN AVE, SACRAMENTO, CA	Sacramento	No	52	0	03/28/14	Grease Deposition (FOG)
5F	Pleasant Valley State Prison CS	804720	Certified	Category 3	Pleasant Valley State Prison Building 803 Firing Range	Fresno	No	50	0	03/18/14	Debris-General
5R	Redding City CS	804560	Certified	Category 3	Cheryl Dr Lift Station- 3797 Cheryl Dr.	Shasta	No	50	0	02/19/14	Other (specify below)
5S	City Of Auburn CS	804822	Certified	Category 3	195 Smith CT SSO	Placer	No	50	0	03/11/14	Root Intrusion
5S	City Of Folsom CS	804324	Certified	Category 3	272 Montrose Dr	Sacramento	No	50	0	02/25/14	Other (specify below)
5S	Murphys CS	804554	Certified	Category 3	Man Hole #197	Calaveras	No	50	0	02/20/14	Root Intrusion
5S	Angels Camp CS	804477	Certified	Category 3	1680 South Main St.	Calaveras	No	45	0	03/07/14	Root Intrusion
5S	City of Stockton MUD CS	804095	Certified	Category 3	719 E. Sonora St.	San Joaquin	No	45	0	02/22/14	Root Intrusion
5S	Murphys CS	804596	Certified	Category 3	HWY 4, Williams.st	Calaveras	No	40	0	02/23/14	Debris-General
5S	Tuolumne CS	805396	Certified	Category 3	At the corner of Carter and Elm	Tuolumne	No	35	0	04/10/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804938	Certified	Category 3	105617	Sacramento	No	32	0	02/23/14	Root Intrusion
5S	Lincoln CS	804633	Certified	Category 3	1816 Barn Valley Lane Lincoln Ca 95648	Placer	No	30	0	03/07/14	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	SMD No. 1 CS	804266	Certified	Category 3	11555 E Avenue	Placer	No	30	0	02/25/14	Root Intrusion
5S	Dry Creek CS	805399	Certified	Category 3	311 Vernon St	Placer	No	30	0	04/02/14	Debris-Rags
5S	Sacramento Area Sewer District CS	804539	Certified	Category 3	105310	Sacramento	No	29	0	02/22/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804545	Certified	Category 3	105331	Sacramento	No	25	0	02/23/14	Root Intrusion
5F	City Of Bakersfield CS	804873	Certified	Category 3	Spruce & Lawn St	Kern	No	20	0	03/19/14	Grease Deposition (FOG)
5S	Hangtown Creek CS	804174	Certified	Category 3	1125 Locust Street, Placerville CA	El Dorado	No	20	0	02/23/14	Debris-General
5S	Sacramento Area Sewer District CS	804979	Certified	Category 3	105453	Sacramento	No	17	0	02/24/14	Root Intrusion
5S	Davis CS	804132	Certified	Category 3	1136 Princeton place Davis ca 95616	Yolo	No	15	0	02/24/14	CS Maintenance Caused Spill/Damage
5S	City of Stockton MUD CS	803977	Certified	Category 3	1425 S. Center St.	San Joaquin	No	15	0	02/19/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804981	Certified	Category 3	105379	Sacramento	No	13	0	02/24/14	Pipe Structural Problem/Failure
5S	City of Stockton MUD CS	804716	Certified	Category 3	1940 Laredo Ct	San Joaquin	No	12	0	03/18/14	Grease Deposition (FOG)
5F	City Of Bakersfield CS	804562	Certified	Category 3	3000 Union Ave	Kern	No	10	0	03/11/14	Grease Deposition (FOG)
5S	City Of Folsom CS	804879	Certified	Category 3	105 Cedar Ridge Ct	Sacramento	No	10	0	03/14/14	Debris-General
5S	City of Stockton MUD CS	804577	Certified	Category 3	5715 Lynda Sue Dr Stockton Calif	San Joaquin	No	10	0	03/11/14	Debris-General
5S	City of Stockton MUD CS	804382	Certified	Category 3	1541 Telegraph Ave.	San Joaquin	No	9	0	03/03/14	Root Intrusion
5F	Twain Harte CSD CS	804883	Certified	Category 3	Little Fuller SSO	Tuolumne	No	8	0	03/20/14	Grease Deposition (FOG)
5S	Dry Creek CS	804180	Certified	Category 3	518 Dudley	Placer	No	8	0	02/20/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804940	Certified	Category 3	105800	Sacramento	No	8	0	02/26/14	Root Intrusion
5S	City Of Lakeport CS	804658	Certified	Category 3	Spurr St. X Bryce Ct.	Lake	No	7	0	03/17/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804484	Certified	Category 3	104920	Sacramento	No	7	0	02/18/14	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	804531	Certified	Category 3	105110	Sacramento	No	7	0	02/20/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804936	Certified	Category 3	105550	Sacramento	No	7	0	02/25/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804534	Certified	Category 3	105203	Sacramento	No	6	0	02/21/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804546	Certified	Category 3	105353	Sacramento	No	6	0	02/23/14	Root Intrusion
5S	Deer Creek CS	805200	Certified	Category 3	DC-2014-04-02	El Dorado	No	5	0	04/02/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804541	Certified	Category 3	105323	Sacramento	No	5	0	02/23/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804542	Certified	Category 3	105326	Sacramento	No	5	0	02/23/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804976	Certified	Category 3	105590	Sacramento	No	5	0	02/24/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804989	Certified	Category 3	104997	Sacramento	No	5	0	02/15/14	Root Intrusion
5S	Manteca CS	805134	Certified	Category 3	235 N. Lincoln	San Joaquin	No	4	0	03/22/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804528	Certified	Category 3	105781	Sacramento	No	4	0	02/27/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804563	Certified	Category 3	105822	Sacramento	No	4	0	02/27/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804935	Certified	Category 3	105382	Sacramento	No	4	0	02/24/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804977	Certified	Category 3	105529	Sacramento	No	4	0	02/25/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804983	Certified	Category 3	105188	Sacramento	No	4	0	02/21/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804483	Certified	Category 3	104938	Sacramento	No	3	0	02/19/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804535	Certified	Category 3	105224	Sacramento	No	3	0	02/21/14	Debris-General
5S	Sacramento Area Sewer District CS	804943	Certified	Category 3	105902	Sacramento	No	3	0	02/28/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804980	Certified	Category 3	105412	Sacramento	No	3	0	02/23/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804982	Certified	Category 3	105296	Sacramento	No	3	0	02/22/14	Debris-General
5S	Sacramento Area Sewer District CS	804984	Certified	Category 3	105181	Sacramento	No	3	0	02/16/14	Root Intrusion
5S	City of Sacramento Utilities CS	804105	Certified	Category 3	1371 MUNGER WAY, SACRAMENTO, CA	Sacramento	No	3	0	02/22/14	Root Intrusion
5S	City of Woodland CS	804343	Certified	Category 3	120 W. Main Street	Yolo	No	3	0	02/27/14	Root Intrusion
5F	Groveland CS	804092	Certified	Category 3	21133 Jimmersall Lane Groveland Ca 95321	Tuolumne	No	2	0	02/21/14	Air Relief Valve (ARV)/Blow-Off Valve (BOV) Failure
5S	Sacramento Area Sewer District CS	804527	Certified	Category 3	104988	Sacramento	No	2	0	02/19/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804530	Certified	Category 3	105105	Sacramento	No	2	0	02/15/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804543	Certified	Category 3	105329	Sacramento	No	2	0	02/23/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804547	Certified	Category 3	105449	Sacramento	No	2	0	02/24/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804548	Certified	Category 3	105318	Sacramento	No	2	0	02/22/14	Debris-General
5S	Sacramento Area Sewer District CS	804941	Certified	Category 3	105852	Sacramento	No	2	0	02/27/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804944	Certified	Category 3	105993	Sacramento	No	2	0	02/28/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804986	Certified	Category 3	105158	Sacramento	No	2	0	02/21/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804990	Certified	Category 3	104904	Sacramento	No	2	0	02/19/14	Pipe Structural Problem/Failure
5S	Sacramento Area Sewer District CS	805022	Certified	Category 3	105018	Sacramento	No	2	0	02/20/14	Root Intrusion
5S	City of Stockton MUD CS	804383	Certified	Category 3	1540 W. Alpine Ave.	San Joaquin	No	2	0	03/03/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804538	Certified	Category 3	105285	Sacramento	No	1	0	02/22/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804937	Certified	Category 3	105597	Sacramento	No	1	0	02/25/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804942	Certified	Category 3	105887	Sacramento	No	1	0	02/28/14	Operator Error
5S	Sacramento Area Sewer District CS	804985	Certified	Category 3	105159	Sacramento	No	1	0	02/18/14	Root Intrusion
5S	Sacramento Area Sewer District CS	804987	Certified	Category 3	105067	Sacramento	No	1	0	02/20/14	Operator Error