

**State Water Resources Control Board
August 20, 2013
Item 8 - Executive Director's Report**

DIVISION OF FINANCIAL ASSISTANCE

Nitrate Treatment Technology Workshop, September 4 & 5, 2013, Sacramento, CA:

The State Water Board and the Department of Public Health (DPH) will jointly host a no-cost workshop in the Cal/EPA Building (1001 I Street, 2nd Floor, Sacramento, CA 95814) on September 4 & 5, 2013 (9:00 AM - 4:30 PM) and via webcast. The purpose of the workshop is to inform the public and interested parties about technologies that have the potential to remove nitrates from groundwater to meet drinking water standards. Vendors will be available to present various treatment technologies and answer questions on the applicability of their systems, especially for small communities. Speakers from the State Water Board and DPH will also discuss current regulatory requirements related to nitrate treatment, and the workshop will also address the effects of nitrate contamination on environmental justice and/or disadvantaged communities.

Although no reservation is necessary to attend the workshop, those who RSVP will receive workshop updates. For more information, please visit the DPH Portal at <http://drinc.ca.gov/dnn/Home.aspx>

Marketing and Outreach: On July 24, 2013, Division of Financial Assistance (DFA) staff participated in the Los Angeles Infrastructure Funding Fair (L.A. Funding Fair) in Alhambra, CA. This event was arranged by the DFA staff as an additional event to the six 2013 California Financing Coordinating Committee (CFCC) Funding Fairs. Two other agencies participated (California Department of Public Health, California Infrastructure and Economic Development Bank). The remaining CFCC fairs will be held in August, September and October 2013. To register to attend the August 22 CFCC fair in Ukiah, or any other upcoming funding fairs, visit <http://www.rcac.org/pages/1048>. These free funding fairs are conducted statewide each year to educate the public and potential customers about the different financial and technical resources available.

Program Activity:

Clean Water State Revolving Fund (CWSRF): Between July 10, 2013 and August 5, 2013, the Deputy Director of DFA approved the following Preliminary Loan/Grant Commitment:

- On July 30, 2013, Determination No. 2013-21 approved \$499,000 in CWSRF Small Community Grant funds for Planning Financing for the City of Grass Valley's Wastewater Master Plan Project; CWSRF No. C-06-7862-110.

Office of Operator Certification (OOC): OOC staff will participate in a workshop conducted by the California Water Environmental Association (CWEA) in an effort to provide information regarding the revised Wastewater Operator Certification Program regulations. The workshop is being held on Tuesday, August 13, 2013, in Redding. There is a fee to attend the workshop. The workshop topics will include: roles of the chief plant operator and designated operator-in-charge; education and experience requirements; exemption of class I wastewater treatment plants; inclusion of privately-owned wastewater treatment plants; roles of lone operators and

provisional operators; wastewater operator certification examination process; and enforcement actions. For more information regarding the workshop, please visit CWEA's website:

http://www.cwea.org/et_attendees_conferences.shtml

The OOC will conduct future workshops/webinars for interested parties.

DIVISION OF WATER QUALITY

Slow The Flow – Stormwater Educational Film: On August 11, Slow the Flow, screened (three years after release) at CBS Studios in Los Angeles at an event sponsored by the WaterLA and the River Project organizers. Approximately 40 people attended the event. Greg Gearhart, Senior Water Resources Control Engineer in the Stormwater Program participated as a panelist with film maker Elizabeth Pepin Silva and one of the characters (Jimmy Lizama, founder of the Bike Kitchen in LA) from the other movie screened at the event, called Watershed. The panel discussion was lively and the audience was well informed. The film has aired on at least 75 public stations in CA and has been screened at almost 30 film festivals around the world – yes, we are international now (screened in Brazil this last Spring). Slow the Flow website: <http://www.waterboards.ca.gov/stormfilm/>

Status of the National Pollutant Discharge Elimination System (NPDES) Program:

Municipal and industrial dischargers of wastewater into surface waters identified as waters of the United States are regulated by NPDES permits issued by the State and Regional Water Boards. NPDES permits have a fixed permit term and must be renewed every five years to ensure updated requirements to protect beneficial uses. Additionally, facilities must be inspected for compliance purposes either every two years, or every five years, depending on the volume of discharge and compliance status. The NPDES permitting program is currently backlogged. Approximately 30 percent of permits are currently expired. The State Water Board has set high priority to reducing and eventually eliminating the permit backlog. State Water Board staff is working closely with Regional Water Board program managers to develop a five-year plan to achieve this goal and provide for long-term program workload sustainability.

Underground Storage Tank Program - Case Closures: The Low Threat Closure Policy (LTCP) for underground storage tank cleanup sites became effective on August 17, 2012.

The tables available at:

http://www.waterboards.ca.gov/water_issues/programs/ustcf/reports_stats.shtml illustrate progress that the various regulatory agencies, the Division of Water Quality, and the Division of Financial Assistance are making in reviewing their respective caseloads of Underground Storage Tank (UST) sites using the criteria contained in the LTCP. The Division of Water Quality and the Division of Financial Assistance coordinated on the construction of a GeoTracker Report accessible to the public; this report is now available on the Web.

Since April 1, 2013, the State Water Board has posted a 60-day notice of proposed closure for 80 cases and the Executive Director has signed closure orders for 44 cases. A UST program update was presented to the Board as an informational item on June 18, 2013. The Division of Water Quality presentation for this item is available on the Web at:

http://www.waterboards.ca.gov/water_issues/programs/ust/docs/prgm_upd061813.pdf, the

Division of Financial Assistance presentation is available on the Web at:

http://www.waterboards.ca.gov/water_issues/programs/ustcf/docs/budget/upd061813.pdf.

Salt/Nutrient Management Planning: State Water Board staff attended a San Diego Regional Water Quality Control Board (San Diego Water Board) salt/nutrient management planning stakeholder workshop in San Diego on July 18, 2013. Seven stakeholder groups presented their progress on salt/nutrient management plans for the San Diego area. The majority of the plans are scheduled to be submitted to the San Diego Water Board by September 2013. State Water Board staff provided a summary and answered stakeholder questions regarding the basin plan amendment and peer review processes.

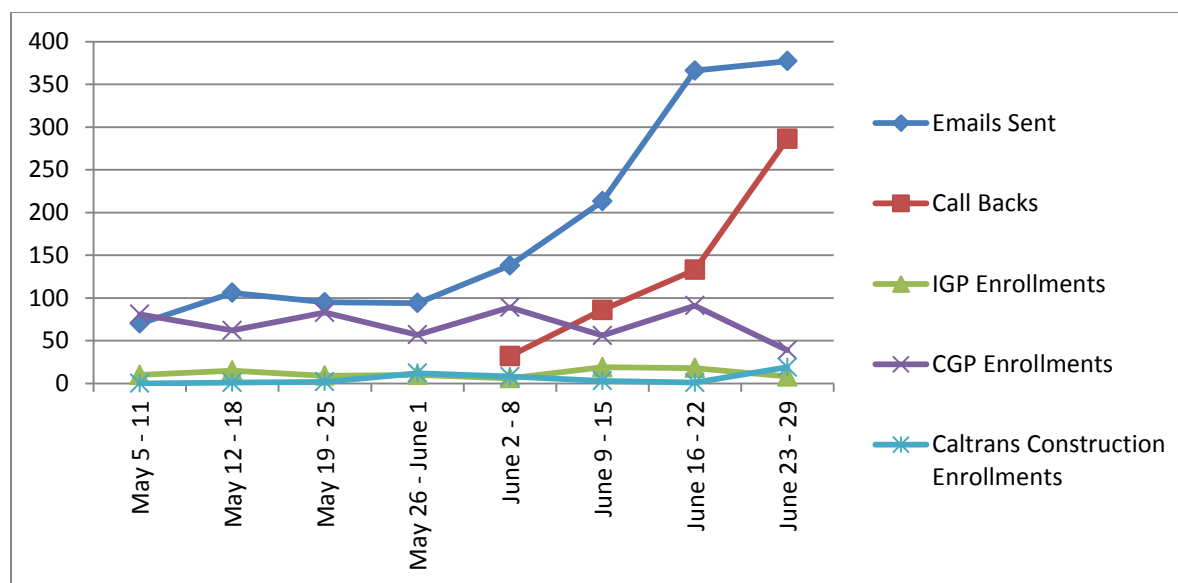
Surface Water Permitting Section: The Surface Water Permitting Section develops and implements statewide, general permits that experience continuous applicant enrollment, termination of regulatory coverage and stakeholder concerns. Newly adopted and implemented permits (or permit amendments) create a large pulse of activity. The recent adoption and reissuance of the Caltrans Municipal Separate Storm Sewer System (MS4) permit and the Small MS4 statewide general permit required numerous dischargers to enroll in the new permits. In the case of the Caltrans MS4 permit, the newly re-issued permit no longer provides regulatory coverage of discharges associated with industrial activity (including construction), resulting in new enrollment of all related facilities or projects under other appropriate general permits. Similarly the newly re-issued Small MS4 permit requires enrollment of all covered facilities including non-traditional small dischargers (previously optional). The due date to enroll in these two permits was July 1, 2013. A large number of Caltrans construction and industrial permit enrollments and Small MS4 permit enrollments were processed during the months of May, June and July. This workload included responding to a large number of questions and requests for customer service, because almost all of these dischargers had never used our relatively-new electronic reporting system. State and Regional Water Board storm water staff accomplished the following tasks during the period of April 1, 2013, to June 30, 2013.

Table of Total Enrollees for General NPDES Permits, as of July 1, 2013:

Water Quality Order Number	Permit Name	Number of Enrollees
97-03-DWQ	Statewide General National Pollutant Discharge Elimination System (NPDES) for Industrial Storm Water	9321
2004-0009-DWQ	Statewide General NPDES Permit for the Discharge of Aquatic Pesticides for Aquatic Weed Control in Waters of the United States	158
2006-0008-DWQ	Statewide General NPDES Permit for Discharges from Utility Vaults and Underground Structures to Surface Waters	74
2011-0002-DWQ Amended by 2012-0003-DWQ	Statewide NPDES Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Vector Control Applications	70
2011-0004-DWQ	Statewide General NPDES Permit for Biological and Residual Pesticide Discharges to Waters of the United States from Spray Applications	2

Water Quality Order Number	Permit Name	Number of Enrollees
2012-0006-DWQ	Statewide General NPDES Permit for Storm Water Discharges Associated with Construction and Land Disturbance Activities	6974
2013-0001-DWQ	Statewide General NPDES Permit for Storm Water Discharges from Small Municipal Separate Storm Sewer Systems (Small MS4)	133 Notice of Intents Submitted as of July 1 st

The following graph reflects the customer service and permit enrollment activities for the Division of Water Quality's Surface Water Permitting Section from April 1, 2013 to June 30, 2013.



*Industrial General Permit (IGP) and Construction General Permit (CGP)

California High Speed Rail Authority Permitting: On April 10, the California High Speed Rail Authority (High Speed Rail) submitted an application for a Clean Water Act section 401 water quality certification (Certification) for the Merced to Fresno segment. High Speed Rail was provided an administrative draft of the Certification on July 12, 2013, but has not provided requested comments to date. The Certification is scheduled to be issued by September 15, 2013. State Water Board staff is coordinating with the Central Valley Regional Water Quality Control Board, U.S. EPA, and the U.S. Army Corps of Engineers on this Certification. An informational item to update the Board on the High Speed Rail project has been scheduled for the October 8, 2013, Board meeting. Construction related impacts of the project will be regulated under the Construction General Permit. State Water Board staff has

also begun work on an MS4 permit for the operation and maintenance of the High Speed Rail project that will be based on the recent Caltrans statewide storm water permit. It is expected that the MS4 permit will be issued in 2016 when construction of the Merced to Fresno segment is completed. The Fresno to Bakersfield segment is scheduled to start construction following the Merced to Fresno segment in January 2014. In all, eleven segments are planned, from San Francisco to Los Angeles.

Tehachapi Renewable Transmission Project: State Water Board staff is preparing a Clean Water Act section 401 Certification for the final segment of the Tehachapi Renewable Transmission Project (TRTP) for Southern California Edison. The Certification is scheduled to be issued September 2013. With this final Certification, the State Water Board will have issued Certifications or WDRs for nine of the eleven TRTP segments. Overall, the TRTP provides Southern California new and upgraded transmission infrastructure for the distribution of electricity generated from wind and solar energy facilities in the Tehachapi Wind Resource Area. The TRTP will assist Southern California Edison in meeting California's Renewable Portfolio Standards goals of 33 percent renewable energy by the year 2020. The TRTP involves a total of 173 miles of transmission line segments along new and existing rights-of-way in southern Kern County, portions of Los Angeles County (including the Angeles National Forest), and the southwestern portion of San Bernardino County, California.

State Audit of the Water Quality Certification Program: On August 8, 2012, the Joint Legislative Audit Committee directed the State Auditor to conduct an audit of the water quality certification program as it related to the California Department of Transportation. The scope of the audit concerned both the issuance and enforcement of Clean Water Act section 401 Certifications. In June, the State Auditor issued Report 2012-120 that concluded that the audited water quality certifications generally complied with federal and state law and regulations. However, the report noted a number of administrative deficiencies including (1) permit compliance monitoring and tracking, (2) procedures for calculating and tracking enforcement fines, and (3) a significant data entry backlog for the water quality certification program database. Recommendations were included in the report to address these areas. On August 2, 2013, the State Water Board issued a 60-day audit response and will additionally submit a six month, one-year and annual follow-up responses as necessary. The State Water Board has eliminated the data entry backlog noted by the State Auditor by redirecting staff during the months of June and July to this effort.

Stakeholder Outreach Efforts: During the last quarter, the Division of Water Quality, assisted by the Office of Public Participation has been engaged in significant focused stakeholder outreach efforts for several of its statewide policy efforts under development. These include: Ocean Plan Amendments for Trash, Ocean Plan Amendments for Desalination, and Ocean Plan Amendments related to Wetland Protection. In addition, staff has been involved in interagency coordination on composing, fracking, nitrate contamination, pesticide regulation, and indirect potable water reuse.

Statewide Composting General Waste Discharge Requirements: The State Water Board issued a public notice of California Environmental Quality Act (CEQA) scoping for its Statewide Composting General Waste Discharge Requirements. A scoping meeting will be held on August 23, 2013 in Sacramento.

Water Board Irrigated Lands Regulatory Program (ILRP): This month's ILRP Water Board report is included in Appendix 1 at the end of this report.

Statewide Policies/Significant General Permits:

Please visit http://waternet/dwg/policies_permits/policies_permitspw3.php for the Policy and Permits Table.

DIVISION OF WATER RIGHTS

Water Rights Outreach Activities: Division of Water Rights (Division) staff participated in numerous radio and community forums during June and July to increase awareness and answer questions related to water rights in general, the effects of water diversions on fish species, permitting requirements, and compliance with reporting provisions. These activities were targeted at watersheds in Humboldt County.

Issuance of Final Water Quality Certification and Final Environmental Impact Report for the Eagle Mountain Pumped Storage Project: On July 15, 2013, the State Water Resources Control Board (State Water Board) issued a water quality certification and a Final Environmental Impact Report (EIR) for the Eagle Mountain Pumped Storage Project (Project). A Notice of Determination was also filed with the State Clearinghouse on July 15, 2013. The Eagle Crest Energy Company (ECE) is currently undergoing licensing of its Project, also known as Federal Energy Regulatory Commission (FERC) Project No. 13123. The water quality certification will be part of the FERC license, once issued. The Notice of Release, Notice of Determination, water quality certification, and Final EIR can be found online at: http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/eaglemtn_ferc13123.shtml

Recirculated Initial Study (IS)/Proposed Mitigated Negative Declaration (MND) Released for Public Comment, Fire Mountain Lodge Hydroelectric Project Relicensing and Dam Safety Repairs: On July 17, 2013, the State Water Board released a Recirculated IS/Proposed MND for the Fire Mountain Lodge Hydroelectric Project Relicensing and Dam Safety Repairs (Project) for public comment. The Project is comprised of two elements: (1) relicensing the existing Fire Mountain Lodge Hydroelectric Project (also referred to as Federal Energy Regulatory Commission [FERC] Project No. 1992); and (2) dam safety repairs required by FERC's Division of Dam Safety and Inspections.

The State Water Board is recirculating the IS/Proposed MND because it is anticipated that the certification will include a condition that requires installation of flow measurement devices, which need to be analyzed in the California Environmental Quality Act document. The Recirculated IS/Proposed MND includes new mitigation measures, which address potential impacts from the installation of flow measurements devices. Comments on the Recirculated IS/Proposed MND were on August 8, 2013. The Recirculated IS/Proposed MND is available on the Project webpage at:

http://www.waterboards.ca.gov/waterrights/water_issues/programs/water_quality_cert/fire_mtn_ferc1992.shtml

State Water Board Interagency Agreement with Delta Stewardship Council:

On June 28, 2013, the State Water Board executed an Interagency Agreement (Agreement No. 12-114-300) with the Delta Stewardship Council's Delta Science Program. This multi-year agreement allows the State Water Board to work directly with the Delta Science Program to obtain technical expertise to inform the State Water Board's Bay-Delta work. The Delta Science Program may provide technical expertise on various topics related to the Bay-Delta work,

including: data analysis procedures; modeling approaches; scientific methodologies related to ecological and environmental flows; adaptive management; fisheries; water quality; and biological and geomorphic processes.

Request for Recommendation of Method to Develop Flow Criteria for Priority Tributaries to the Bay-Delta:

On July 31, 2013, the State Water Board submitted a request to the Delta Stewardship Council's Delta Science Program seeking assistance in identifying one or more scientifically defensible methods that could be used to develop flow criteria for priority tributaries to the Bay-Delta. The State Water Board is conducting this evaluation of methods as part of the work being done for Phase 4 of the Bay-Delta effort. Phase 4 of the Bay-Delta effort involves the development and implementation of policies for water quality control, including the development of flow criteria and flow objectives, for priority tributaries to the Bay-Delta, with a focus on the Sacramento River watershed.

Updates Related to the Klamath Hydroelectric Project (Federal Energy Regulatory Commission Project No. 2082):

There are five updates related to the Klamath Hydroelectric Project (Project): (1) July 18, 2013, Interim Measures Implementation Committee (IMIC) meeting; (2) Klamath River Basin Adjudication; (3) July 10, 2013, Hoopa Valley Tribe letter; (4) Abeyance Update; and 5) Klamath River Basin Task Force. See below for more details on each item.

IMIC Meeting: The IMIC met in Yreka, California on July 18, 2013. The meeting included a discussion of interim measures (IM) 10 (Water Quality Conference) and 11 (Water Quality Improvements). The purpose of the IMIC is to collaborate with PacifiCorp on issues related to the implementation of the IMs set forth in the Klamath Hydroelectric Settlement Agreement. A summary of some of the topics discussed at the meeting is provided below.

- **IM 10.** It is anticipated that the final IM 10 Water Quality Workshop Report (Report) will be released in August 2013. The Report will include identification of a pilot project designed to improve water quality in the Klamath River.
- **IM 11.** PacifiCorp provided an update to the IMIC regarding how IM 11 funds could be spent in Year 2013-2014 (follows state fiscal year). The IM 11 Study Plan proposal includes: (1) another pilot algaecide project in Iron Gate Reservoir (one was conducted in Copco Reservoir in 2012); (2) finding a location for a demonstration wetland and development of the associated conceptual design; (3) continued development of the Klamath Water Quality Improvement Tracking and Accounting Program (KTAP); (4) evaluation of more efficient use of the selective withdrawal/intake barrier at Iron Gate Dam; (5) preliminary design of an organic matter removal system at Link River/Keno Reservoir; (6) a pilot study of nutrient reduction methods; and (7) creation of a Technical Advisory Team to assist with IM 11 pilot projects. PacifiCorp had originally proposed a genetics test of microcystis populations, but the project was removed due to limited funding available for IM 11 and the feedback from a majority of the IMIC that the project was not a good use of funds allocated to water quality improvements.

The next IMIC meeting is scheduled for October 16, 2013.

Klamath Basin River Adjudication: On June 10, 2013, the Klamath Tribes contacted the Oregon Water Resources Department (Department) and requested that the Department reduce water use of lesser priority users so that the Klamath Tribe's water right can be used to provide adequate water for environmental resources. Regulation of junior water rights began on

June 12, 2013. On July 1, 2013, Oregon's Water Resources Commission adopted a temporary emergency rule for the Klamath basin, which declared water rights for human consumption and stockwater to be allowed regardless of priority.

Abeyance Update: No action was taken to extend the abeyance of the Project's water quality certification application prior to June 30, 2013. Therefore, in accordance with Resolution No. 2012-0039, the abeyance of the Project's water quality certification application ended.

State Water Board staff met with PacifiCorp on July 29, 2013, to discuss a schedule for updating the water quality certification application. PacifiCorp agreed to have an updated application submitted to the State Water Board by August 15, 2014 and to submit updated sections of its application sequentially as drafted. Updated Sections 2.0 (General Project information) and 3.1 (Existing Project Facilities and Operations) are to be submitted to the State Water Board by December 13, 2013. State Water Board staff will review and comment (if necessary) on the section submittals.

Klamath River Basin Task Force: On July 3, 2013, Oregon Senators Ron Wyden and Jeff Merkley, Congressman Greg Walden, and Oregon Governor John Kitzhaber organized the Klamath River Basin Task Force (Task Force). The Task Force has three main goals:

- 1) Develop a settlement for water management issues in the upper Klamath Basin that will: increase flow into Upper Klamath Lake; permanently restore and protect riparian areas in tributaries to Upper Klamath Lake; and account for state water rights, the federal Endangered Species Act and Clean Water Act compliance.
- 2) Address power supply issues for both on and off Project irrigators.
- 3) Reduce federal costs associated with the Klamath agreements.

The Task Force will report back to Senators Wyden and Merkley by September 10, 2013.

Delta Science Program Bay-Delta Science Review Workshops: As a follow-up to the State Water Board's technical workshops held in the fall of 2012 on the comprehensive review of the Bay-Delta Plan (Phase 2), State Water Board staff is coordinating with the Delta Science Program (DSP) to organize two science reviews (workshops) on key areas of disagreement or uncertainty identified during the State Water Board's workshop process. The reviews will focus on (1) Delta outflows and non-flow related factors, and (2) interior Delta flows and non-flow related factors and are scheduled to take place in November and December of 2013, respectively. For each topic, a panel of independent scientists will review key technical background materials, hear presentations from experts on these issues and comments from the public, and will write a report responding to questions identified in the panel charge. A planning group consisting of representatives from non-governmental organizations, local Delta agencies, and state and federal water and fisheries agencies will conduct its first meeting the week of August 19, 2013. At the meeting, planning group participants will provide input on the development of the panel charge and other planning related to the reviews. The DSP lead scientist will have final authority over the charge and other planning aspects of the review. Upon completion, the reviews will inform the State Water Board's comprehensive review of the Bay-Delta Plan.

Monterey Peninsula Water Supply Project Evaluation: In a memo dated September 26, 2012, the California Public Utilities Commission (Commission) requested assistance from the State Water Board regarding a pending Application the Commission had received from the California-American Water Company (CAW), proposing a Monterey Peninsula

Water Supply Project (Project) and authorization to recover all present and future costs in rates. As proposed, this Project would consist of a desalination facility combined with planned groundwater replenishment and aquifer storage and recovery. Water from this Project is intended to replace the portion of CAW's supply from the Carmel River that becomes unavailable in December 2016 under the State Water Board's October 20, 2009 Cease and Desist Order (WR-2009-0060).

On July 31, 2013, in response to comments received on the April 3, 2013 draft final report and the June 4, 2013 State Water Board workshop, the final report was released to the public and the Commission.

Bay-Delta Phase 1 Update and Related Press Accounts: Articles have recently appeared in various newspapers referring to the State Water Board's process to update the San Joaquin River flow and southern Delta salinity requirements included in the Bay-Delta Plan (Phase 1 of the Bay-Delta Plan review) and the supporting environmental documentation for this process. These articles have contained some incorrect and misleading information. This update is intended to provide clarifying information and a status on the Phase 1 process.

The purpose of the Phase 1 Bay-Delta Plan update is to ensure that there is adequate flow, in combination with other conditions, in the Merced, Tuolumne, Stanislaus and San Joaquin Rivers for the protection of fish and wildlife. The update does not include any provisions related to "taking water out" of any one of these rivers, but rather includes provisions for requiring flow and other conditions needed to support the uses of the rivers. On December 31, 2012, the State Water Board released a draft Substitute Environmental Document (SED) pursuant to the California Environmental Quality Act (CEQA), along with draft objectives and a program of implementation for this phase of effort. The SED is equivalent to an Environmental Impact Report (EIR) under CEQA. The SED identifies the scientific basis for potential changes to the Bay-Delta Plan and the potential environmental impacts related to Phase I of the State Water Board's Bay-Delta Plan update. After the release of these documents, the State Water Board conducted a two-day public hearing to receive comments on the draft and also received and reviewed thousands of written comments. The public comment process has been very helpful to the State Water Board's review to identify additional information that should be considered in this process. The State Water Board is now making changes to the draft SED in order to address comments raised through the public review process. The revised draft SED, objectives and program of implementation will then be recirculated for public review and comment prior to finalization.

The purpose of recirculation under CEQA is to give the public an opportunity to evaluate significant new information in the SED and the validity of the conclusions drawn regarding the information. Although the State Water Board's proposed changes to the draft SED do not necessarily rise to the level of new significant information requiring recirculation, the Board believes it will foster transparency and be helpful to provide the public with an opportunity to review and comment on additional information that was not included in the first draft SED. Recirculation of revised draft environmental documents is very common, especially on complex projects. The State Water Board is recirculating the draft SED to be responsive to the public input that has been provided thus far, increase the public's future opportunity to comment, and to develop a thorough environmental document that will inform the board's decision making process.

The State Water Board plans to release the revised draft SED and the proposed changes to the Bay-Delta Plan for public comment this winter with Board action proposed for consideration in the spring/summer of 2014. The total cost for preparation of the draft, which began in 2009, is estimated to be under \$5 million, roughly a tenth of what has been quoted in the news and which is commensurate with similar projects.

OFFICE OF ENFORCEMENT

Administrative Civil Liability (ACL) and Cleanup and Abatement Actions Issued 2013:

a. ACL Complaint(s) Issued

Region	Discharger/Facility	Violation(s) Addressed	ACL Complaint Amount	Date Issued
WATER QUALITY				
5S	Donahue Schriber Asset Management Corporation / Rocklin Crossings	Discharge of 76,613 gallons of turbid stormwater runoff to surface water; failure to implement appropriate erosion control BMPs for 13 days	\$211,038	7/8/2013
8	Torco International /	Failure to submit 2011-2012 industrial stormwater annual report	\$1,450 (MMP + staff costs)	7/16/2013
WATER RIGHTS				
WR	Donald Ekstrom and O'Brien Ranch, LLC (Prairie Creek, Yuba County)	Failure to file 2009, 2010, and 2011 supplemental statements of water diversion and use	\$1,000/ \$10,000	7/3/2013
*The water rights ACL complaint issued offered two choices to the recipients:				
(1) Pay smaller amount by submitting check for smaller amount, waiver, and delinquent annual report within 20 days				
OR				
(2) Proceed to hearing with proposed liability at higher amount listed.				

b. ACL Order(s) Issued

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
WATER QUALITY				
4	City of Los Angeles / Donal C. Tillman Water Reclamation Plant	Effluent limit violations (total coliform organisms, turbidity)	\$27,000 (MMP)	7/1/2013

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
4	Kinder Morgan Liquids Terminals / Carson Terminal	Effluent limit violations (benzene, BOD, copper, TSS, total petroleum hydrocarbons, turbidity, xylenes, zinc)	\$30,000 (MMP)	7/1/2013
4	Wilshire le Doux Medical Plaza, LP	Effluent limit violations (copper, selenium)	\$6,000 (MMP)	7/12/2013
4	Douglas Emmett Management, LLC / Wilshire Landmark II Office Building	Effluent limit violations (zinc, (tetrachloroethylene); late reporting	\$39,000 (MMP)	7/17/2013
5F	Groveland Community Services District / Wastewater Treatment Facility	Two spills of raw sewage totaling 67,493 gallons to surface waters	\$375,000 (CAA: \$187,500; ECA: \$187,500)	7/11/2013
5F	Malaga County Water District / Wastewater Treatment Facility	Effluent limit violations (electrical conductivity, pH, bromoform, ammonia, total coliform organisms, settleable solids, total suspended solids, turbidity)	\$78,000 (MMP)	7/25/2013
5F	James G. and Amelia M. Sweeney / Sweeney Dairy	Failure to submit 2011 dairy annual report and monitoring well installation and sampling plan	\$15,000 (CAA)	7/25/2013
5S	Henry J. Tosta, Henry J. Tosta Jr. Family LP, and Henry J. Tosta Trust / Henry Tosta Dairy	Discharge of manure waste to groundwater for at least 200 days; failure to submit adequate waste management plan for at least 789 days; violations of CAO requirements to develop plan for cleanup of production area, remove slurry manure, remove manure from settling basins, submit revised waste management plan, and submit groundwater remediation plan	\$685,000 (all to WDPF)	7/25/2013
5S	Tsar Nicolouai Caviar, LLC / Tsar Nicolouai Sturgeon Farm	Effluent limit violations (ammonia, iron, manganese). Order issued to compel payment of outstanding liability from previous action.	\$23,000 (MMP)	7/25/2013
9	City of Oceanside / San Luis Rey Water Reclamation Facility, La Salina Wastewater Treatment Plant, and Mission Basin Desalting Facility	Effluent limit violation (settleable solids)	\$3,000 (MMP)	7/12/2013
OE (4)	Trea Wilshire Rodeo, LLC	Late reporting violations (fourth quarter 2008 and first quarter 2009)	\$165,000 (MMP)	7/16/2013
OE (4)	Lincoln Avenue Water Company / South Coulter Surface Water Treatment Plant	Effluent limit violations (total dissolved solids, BOD)	\$15,000 (MMP)	7/23/2013
OE (4)	Lubricating Specialties Company / Pico Rivera Facility	Effluent limit violations (oil and grease, pH, BOD, total suspended solids, nitrate, nitrate plus nitrite); late reporting	\$93,000 (MMP)	7/23/2013

Region	Discharger/Facility	Violation(s) Addressed	ACL Order Amount	Date Issued
OE (4)	Rodeo Owner Corporation / Two Rodeo Drive	Effluent limit violations (BOD, chlorine)	\$48,000 (MMP)	7/23/2013
OE (4)	Mantini Management, Inc. / Detroit Apartments	Effluent limit violations (copper, methylene blue active substances, chlorine, BOD, total suspended solids, oil and grease)	\$72,000 (MMP)	7/23/2013
WATER RIGHTS				
WR	Peter A. Lang and Nancy Lang / Safari West	Unauthorized diversion	\$15,000	7/22/2013

c. Cleanup and Abatement Order(s) Issued

Region	Discharger/Facility	Action(s) Required	Date Issued
1	Donald and Rogie Shutt / Stream Diversion and Dredge and Fill in Gilbert Creek	Cease sediment discharges to surface waters; develop and submit a technical report providing details on equipment, planning documents, contractors, and other parties involved in the unpermitted in-stream construction; retain a qualified, licensed professional to develop restoration plan to remove all illegally placed earthen material and restore the functionality of the damaged stream; implement restoration and monitoring plan. All work to be completed by 10/15/2013.	7/8/2013
4	Radiant Services Corporation and TDY Industries, LLC (formerly Teledyne Industries, Inc.) / Radiant Services Corporation Facility and the Former TDY Industries, LLC, Facility Site	Develop and update site conceptual model; delineate the extent of wastes in the unsaturated and saturated zones caused by the discharge of volatile organic compounds and other waste constituents; conduct remedial action; conduct human health risk assessment; prepare, submit, and implement interim remedial action plan as necessary to prevent further impacts to human health as determined in the human health risk assessment; conduct plume-wide groundwater monitoring; submit monitoring reports.	7/22/2013
R6V	City of Barstow / Wastewater Treatment Plant	Submit a design report for extraction and monitoring wells to establish the extent of drawdown from the extraction wells network; complete construction of all elements described in the design report; operate the extraction and treatment system until groundwater concentrations upgradient of the extraction wells achieve 6.5 mg/l nitrate as N; submit as-built construction report describing all actions completed to construct the elements described in design report; submit progress reports.	7/2/2013

OFFICE OF INFORMATION MANAGEMENT AND ANALYSIS

Surface Water Ambient Monitoring Program Achievements Report: In July, the Surface Water Ambient Monitoring Program (SWAMP) released the 2012 update to the SWAMP Achievement Report. The SWAMP Achievement Report is an online document that highlights the recent accomplishments of SWAMP and its partners, framing the many projects SWAMP is a part of in the context of their value to the State of California and the public at large. The Achievements Report also describes how monitoring data have been used to answer critical water quality questions pertaining to California's surface waters and how that information is made available to resource managers and the public.

SWAMP's 2012 achievements include a statewide survey of contaminant levels in fish found in coastal fishing locations, as well as projects addressing regional concerns such as bacteria levels at popular swimming holes, toxic algae in lakes and rivers, and the health of crucial stream and wetland ecosystems. The SWAMP Achievements Report can be accessed at: http://www.waterboards.ca.gov/water_issues/programs/swamp/achievements/index.shtml

SWAMP Partners with US Forest Service to Assess the State's Stream Condition

The US Forest Service (USFS) has provided two years of funding to SWAMP to collect bioassessment data from approximately 40 streams in Sierra Forests under their Management Indicator Survey Program. These and other USFS data will be integrated into the SWAMP Perennial Streams Assessment (PSA) survey data. Since 2009 the USFS has conducted bioassessment surveys in 10 Sierra Forests using SWAMP standard methods and the same general survey design as SWAMP's PSA. Sampling in the first three years of the project were conducted by third-party contractors. Under this new partnership the USFS will fund SWAMP's bioassessment lab at the CA Department of Fish and Wildlife (DFW) to conduct the field and lab work in 2013 and 2014.

Coordination of these surveys will provide several benefits to the USFS, including:

- The ability to incorporate 13 years of data collected by PSA into USFS condition assessments;
- The ability to use assessment tools developed and tested by SWAMP;
- The ability to compare stream condition on USFS lands to stream condition in surrounding regions and in other forested regions of California;
- Use of highly experienced DFW staff to conduct site evaluations, data collection, laboratory processing and quality assurance procedures; and
- Additional data collected at USFS monitoring sites (e.g., algal assemblages, in-stream and riparian habitat condition) as in-kind contributions from SWAMP.

In return, SWAMP will enhance the density of its PSA monitoring network, allowing for a more robust evaluation of the State's perennial stream network. The USFS and SWAMP will save resources by leveraging shared objectives and methods. More information about SWAMP's PSA is available at:

http://www.waterboards.ca.gov/water_issues/programs/swamp/reports.shtml#bmp_assess

OFFICE OF RESEARCH, PLANNING AND PERFORMANCE

Water Board Academy – The following table includes highlights of our recent and ongoing classes:

Current classes	
	CONSTRUCTION NOTICE OF TERMINATION TRAINING - The College of Storm Water is offering a one-day class that will provide the knowledge and abilities to review the electronic Construction General Permit Notices of Termination (NOT's) submitted by dischargers in The Storm water Multi Application and Report Tracking System (SMARTS).
	Water Recycling - This course will cover the technologies used to produce recycled water, the recycled water criteria adopted by the California Department of Public Health, issuance of water reclamation requirements, and inspection of water recycling facilities. The course is primarily intended for staff that write NPDES permits and waste discharge requirements, inspect water recycling facilities, and issue loans and grant for water recycling facilities.
	NPDES SIP-Based Permit Writer Training - The course will provide a refresher level discussion of the California Toxics Rule criteria and calculation of metals criteria as well as selected State Implementation Policy (SIP) requirements.
Recent classes	
	Industrial Stormwater Inspector Training - The College of Storm Water offered new training for inspectors of industrial stormwater sites at two locations in the summer of 2013.
	CEQA – Ken Bogdan, senior staff counsel, OCC, taught several classes including: CEQA for 401 Certifications and Hydropower Projects, Basic CEQA and Advanced CEQA for Appropriative Water Rights Permitting . Ken also taught his Endangered Species Regulation and Protection class.
	Leveraging Tentatively Identified Compounds (TICs) in Environmental Investigations - This course profiles the analytical nature and limitations of TICs, and present case studies of TICs that were important and ultimately changed the course of the investigation of a site and even an entire category of contaminants

APPENDIX 1

IRRIGATED LANDS REGULATORY PROGRAM JUNE AND JULY 2013 REPORT

STATE WATER BOARD ILRP MONTHLY JULY REPORT:

On July 1, 2013, Irrigated Lands Regulatory Program (ILRP) staff participated in a workshop hosted by the United States Geological Survey (USGS). The USGS provided a briefing on their shallow groundwater monitoring efforts in the Eastern San Joaquin River watershed and potential coordination with our irrigated lands efforts.

On July 16, 2013, ILRP staff participated in the semi-annual United States Department of Agriculture Natural Resources Conservation Services (NRCS) State Technical Advisory Group meeting. Several agricultural related Best Management Practices (BMPs) were reviewed.

On July 17, 2013, ILRP and Land Disposal Program staff met CalRecycle staff to discuss green waste land application issues and to provide input on a study being developed.

On July 31, 2013, ILRP staff participated in a planning meeting with the California Bioresources Alliance (CBA). The meeting was held to finalize the agenda for the CBA annual symposium. This symposium is scheduled to be held on September 18-19, 2013, at the Cal/EPA building.

On July 31, 2013, ILRP staff met with United States Environmental Protection Agency (U.S. EPA) Region 9 and NRCS staff to discuss an Information Item presentation to the State Water Resources Control Board (State Water Board). The presentation will be on National Water Quality Initiative projects in the Calleguas Creek and Salt River sub-watersheds.

REGIONAL WATER BOARD ILRP JUNE AND JULY 2013 REPORT:

This month's Irrigated Lands Regulatory Program (ILRP) report covers the month of June and July 2013. The report will provide an update on the activities of the North Coast, San Francisco, Central Valley, Central Coast, Los Angeles, Colorado River Basin, Santa Ana, and San Diego Regional Water Quality Control Board ILRPs.

Future monthly reports will alternate between the status of the ILRP from the Central Valley Regional Water Board for one month, and the status of other Regional Water Board ILRPs for the alternate month.

Current and past ILRP program monthly reports can be found on the State Water Board Irrigated Lands Regulatory Program website:

http://www.waterboards.ca.gov/water_issues/programs/agriculture/

For additional information on the statewide ILRP, please contact State Water Resources Control Board staff:

Johnny Gonzales	(916) 341-5510	jgonzales@waterboards.ca.gov
Gita Kapahi	(916) 341-5501	gkapahi@waterboards.ca.gov

ILRP contact information for each Regional Water Board is found at the end of each report below.

NORTH COAST REGION AGRICULTURAL LANDS REGULATORY PROGRAM
June 2013

Water Quality Compliance Program for Discharges from Agricultural Lands

North Coast Regional Water Board staff has been developing the Agricultural Lands Program for over a year now. Regional Water Board staff is currently working on drafting key components of the program for review and comment by the Stakeholder Advisory Group (Group) this coming summer. The next meeting of the Group is scheduled for September 2013. Regional Water Board staff will receive input from the Group and present an update to the North Coast Regional Board at the October 2013 Board meeting.

Starting in the summer of 2013, Regional Water Board staff will conduct baseline monitoring of water bodies in the lower Smith River basin to assess runoff from Easter lily bulb farms. The monitoring is part of the Surface Water Ambient Monitoring Program (SWAMP), and will be used to provide information on the effectiveness of the Agricultural Lands Program and current management practices.

For additional information on the North Coast Regional Water Board's Water Quality Compliance Program for Discharges from Agricultural Lands, please see the following Web site or contact Ben Zabinsky at (707) 576-6750 (BZabinsky@waterboards.ca.gov). You may also click on the following link:

http://www.waterboards.ca.gov/northcoast/water_issues/programs/agricultural_land/

SAN FRANCISCO BAY REGION
AGRICULTURAL REGULATORY PROGRAM
June 2013

The San Francisco Regional Water Board is developing waste discharge requirements (WDRs) for vineyard operations located in the Napa River and Sonoma Creek watersheds. Momentum on this project slowed following the departure of Sandi Potter, the lead staff tasked with working on the Order. The Regional Water Board is in the process of backfilling the position. Regional Water Board staff has decided to shift from consideration of a Conditional Waiver to General WDRs. Regional Water Board staff is also considering preparation of an Environmental Impact Report (EIR) rather than a mitigated negative declaration (MND) due to the significant number of comments received. Regional Water Board staff requested and is expecting to receive some minimal contract funding to support CEQA analyses.

Meanwhile, on May 21, 2013, at the request of a group of Napa River watershed stakeholders, Regional Water Board staff coordinated a meeting between Board chair and vice-chair, John Muller and Dr. Young, Regional Water Board staff, and watershed stakeholders (grape growers, County representatives and other interest groups) to discuss the general status and timeline for the revised Order. Issues discussed, and concerns expressed, generally revolved around the scope of the Order with respect to actions already taken by vineyard owners to address discharges, observed improvement in the Napa River water quality, vineyard roads and rural roads in general as sources of sediment, the geographic extent of the Order (facility vs. property), distinguishing owners from operators and allowing for each entity to comply separately, and recognition of 3rd party programs.

Sonoma Creek watershed stakeholders and interest groups have similarly requested to meet with Regional Water Board staff to get a status update on the Order. Napa stakeholders have requested a second meeting with Regional Water Board members that would be a field tour. We are in the process of coordinating these stakeholder sessions.

For additional information on the Vineyard Order, please contact Jim Ponton at (510) 622-2492 or jponton@waterboards.ca.gov.

CENTRAL COAST REGION AGRICULTURAL REGULATORY PROGRAM June 2013

This information is taken from a May 30-31, 2013 Central Coast Regional Water Board staff report. The staff report was to update the Central Coast Regional Water Quality Control Board regarding implementation of the Agricultural Order R3-2012-0011, specifically an update on activities related to cooperative groundwater monitoring requirements. In addition, this Regional Water Board staff report also summarizes recent Regional Water Board staff efforts to conduct outreach and education related to the Agricultural Regulatory Program.

STATUS OF COOPERATIVE GROUNDWATER MONITORING PROGRAMS

The Agricultural Order and monitoring and reporting program (MRP) were adopted on March 15, 2012, and provide growers with the option to conduct cooperative groundwater monitoring or individual groundwater monitoring. For growers who chose to comply with cooperative groundwater monitoring requirements, the Agricultural Order and MRP provided for 12 months to submit a cooperative groundwater monitoring program for Executive Officer approval. At a minimum, cooperative groundwater monitoring programs must include sufficient monitoring to characterize the groundwater in the local area of the participating growers, characterize the groundwater quality of the uppermost aquifer, and identify and evaluate groundwater used for domestic drinking water purposes. Adequate monitoring, which characterizes groundwater quality of the uppermost aquifer, and especially groundwater used for domestic drinking water purposes, is critical to both comply with the Agricultural Order and to resolve the severe water quality conditions in agricultural areas of the Central Coast region and significant threat to human health. As discussed at the March 14-15 Board Meeting, Regional Water Board staff received the following four cooperative groundwater monitoring program proposals by the March 15, 2013, due date:

1. Northern Central Coast Cooperative Groundwater Program.
2. Cooperative Groundwater Monitoring Program for Irrigated Lands in Southern Region.
3. Cooperative Groundwater Monitoring Plan for the Morro Valley Hydrogeologic Basin.
4. Cooperative Groundwater Monitoring Plan Santa Rosa Creek Valley, Cambria, CA.

The review process and schedule and a copy of the program proposals are available on the Water Board's website at:

http://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/index.shtml

Regional Water Board staff reviewed the program proposals using specific evaluation criteria developed to compare the program proposals against the minimum requirements contained in the MRP, to evaluate the institutional capacity for the proposed programs, and to ensure a consistent and thorough evaluation of all cooperative groundwater monitoring program proposals submitted to the Central Coast Water Board. Regional Water Board staff provided comments to the program proponents on April 17-18, 2013. Regional Water Board staff

reviewed the Santa Rosa Creek cooperative groundwater monitoring program proposal and determined that it is approvable with some minor clarification. Regional Water Board staff found that the other cooperative groundwater monitoring program proposals were unfinished or incomplete and did not meet the minimum requirements of the Agricultural Order and MRP. Furthermore, Regional Water Board staff found that the program proposals were not implementable. The proposals were plans to develop a plan without specific details for actual groundwater sampling (specific location, timeframe, or technical rationale). In particular, Regional Water Board staff determined that the most critical limitation of the program proposals was the lack of timely domestic drinking water well sampling and reporting.

Board Members and Regional Water Board staff met with the program proponents on April 26, 2013, to discuss Regional Water Board staff's comments and potential options to respond to the Water Board's comments, and to confirm the approval schedule and next steps.

In order for the Executive Officer to consider approval of the proposed cooperative groundwater monitoring programs, proponents were requested to submit a revised program proposal and cover letter that describes how the revisions respond to Water Board comments by May 31, 2013. As the due date falls on the day of the May 31, 2013 Board Meeting, Regional Water Board staff will have limited time to review the proposals ahead of the Board Meeting and will not have sufficient time to determine whether or not the revised program proposals meet the requirements of the Agricultural Order and MRP and are responsive to Regional Water Board staff's comments.

The Executive Officer will inform the proponents of the status of their program approval by June 21, 2013. If the Executive Officer approves a cooperative groundwater monitoring program, the Water Board will notify growers in the program area who elected cooperative groundwater monitoring. The Water Board will notify growers who elected individual monitoring that they have a specified amount of time to enroll in the cooperative groundwater monitoring program. If the Executive Officer does not approve a program, then growers who elected to participate in that program must conduct the individual groundwater monitoring requirements in Part 2 of the MRP.

PARTICIPATION IN GROWER OUTREACH EVENTS AND STAKEHOLDER MEETINGS

Regional Water Board staff continues to participate in grower outreach events and stakeholder meetings, to interact with growers and other stakeholders and receive feedback on implementation of the Agricultural Order. Regional Water Board staff attended the World Ag Expo in Tulare in February 2013. Additionally, Regional Water Board staff made a presentation to Spanish speaking growers at the Monterey Ag Expo in Salinas on March 19, 2013 and made a presentation to the Paso Robles Wine Country Alliance on March 27, 2013. Regional Water Board staff also participated in the Spring Area Meeting of the Central Coast Region Resource Conservation Districts (RCDs) on April 24, 2013.

Regional Water Board staff provided assistance to State Board Deputy Division Chief who participated in a Joint Legislative Hearing for the Senate Select Committee on California's Wine Industry and Assembly Select Committee on Wine, and Assembly Select Committee on Sustainable and Organic Agriculture on April 18, 2013 Sustainability Certifications.

The California Department of Food and Agriculture (CDFA) invited Central Coast Water Board Regional Water Board staff to participate as a member on their Nutrient Management Ad Hoc Committee. The committee will provide input to CDFA's Nitrogen Management Training and Certification Program for Certified Crop Advisors (CCAs) that it is developing in coordination

with University of California Agriculture and Natural Resources (UCANR), and the California Certified Crop Advisors (CaCCA). This training and certification program will assist growers in achieving compliance with irrigation and nutrient management requirements. Regional Water Board staff will participate on the Ad Hoc committee. The first meeting was held on April 25, 2013.

The Regional Water Board Executive Officer and Regional Water Board staff met with Undersecretary of CDFA and CDFA staff on May 1, 2013, so both agencies could exchange status of current activities related to agricultural regulation and water quality improvement. CDFA staff is coordinating with State Water Board staff to develop a process to create a Task Force that will develop a recommendation to the California Legislature on nitrogen tracking, monitoring, and reporting. State and Regional Water Board staff encouraged CDFA staff to comment on the industry-developed nitrogen tracking and reporting form that Regional Water Board staff is providing to growers (for optional use) to comply with nitrogen reporting requirements in the Agricultural Order. CDFA staff indicated that they are progressing with development of the training and certification program, and will seek additional input from members of the Ad Hoc committee. Regional Water Board staff informed CDFA staff that the Regional Water Board staff is notifying growers who report high levels of nitrate in their private domestic drinking water wells about nitrate health effects, the need to alert anyone drinking the water, and the need to provide treatment or an alternative source of water.

Regional Water Board Executive Officer and Regional Water Board staff participated in a workshop to discuss the Pinto Lake water quality issues in Santa Cruz County on April 30, 2013. Regional Water Board staff will also attend the Strawberry Field Day on May 3, 2013, to meet with University of California farm advisors, professors, and representatives from the Santa Barbara Agricultural Commissioner's Office to discuss fumigant label changes, moisture and salinity distribution under drip irrigation, and other issues related to strawberry production and the environment.

On May 7, 2013, Regional Water Board Executive Officer and Regional Water Board staff met with Program Specialist from the Santa Cruz County Resource Conservation District, and with the Director of Restoration on Private Lands, Sustainable Conservation, to discuss their efforts working with agricultural industry leaders in the Pajaro Valley to develop a performance-based incentives project. This project focuses on developing efficient and effective ways to measure improvements to water quality and water conservation on farms, and to link public and private incentives to these measured environmental improvements.

Regional Water Board staff will participate in a Cal Poly Center for Sustainability training and panel presentation titled "Understanding and Testing Agricultural Nutrients" on May 17, 2013, in San Luis Obispo. The event will include discussion on state of the art practices for testing soil and agricultural nutrients to achieve crop production and water quality protection.

On a day to day basis, Regional Water Board staff continues to work with growers to submit regulatory information using the Water Board's GeoTracker data management system and to provide general assistance to help growers understand and achieve compliance with the Agricultural Order. These efforts have resulted in a growing number of farms and acreage enrolled in the program, and an increasing number of growers successfully reporting information to the Regional Water Board.

For additional information on the Central Coast Region Conditional Waiver for agricultural lands, please contact Angela Schroeter at (805) 542- 4644 or aschroeter@waterboards.ca.gov. Or click on the following link:
http://www.waterboards.ca.gov/centralcoast/water_issues/programs/ag_waivers/index.shtml

**LOS ANGELES REGION CONDITIONAL WAIVER FOR IRRIGATED LANDS
STAFF UPDATE TO THE STATE WATER BOARD
June 2013**

Compliance with the Renewed Conditional Waiver

The Nursery Growers Association Los Angeles County Irrigated Lands Group (NGA-ILG) and the Ventura County Agriculture Irrigated Lands Group (VCAILG) are the two discharger groups in the Los Angeles Region that have formed to comply with the Conditional Waiver. Regional Water Board staff is currently reviewing several documents submitted by VCAILG, including their 2012 Water Quality Monitoring Plan and their Bacteria Special Study updated Workplan.

Enrollment

Regional Water Board staff sent out Notices of Violation to six growers in Los Angeles County and five growers in Ventura County on June 21. Several growers have contacted Regional Water Board staff to confirm that they will be enrolling in the Conditional Waiver. Regional Water Board staff will continue to conduct enforcement, as necessary.

Regional Water Board staff is currently involved in talks with the Los Angeles Department of Water and Power (DWP) and Southern California Edison (SCE) to enroll the nursery growers leasing DWP and SCE property. In December 2012, staff at DWP sent a letter to growers to gather information on the nature of their operations to determine whether or not they should be enrolled in the Conditional Waiver program. Regional Water Board staff is continuing to coordinate with DWP to enroll these growers.

GIS Database

Regional Water Board staff has been creating a geographically referenced database of data relevant to the Irrigated Lands Program. Data includes water quality monitoring results and mailing addresses of Conditional Waiver program members and growers that are targeted for outreach/enforcement actions. In June, a new layer was created for BMP general locations and descriptions associated with a section 319(h) grant that funded implementation of management practices in the Calleguas Creek watershed. Regional Water Board staff intends to continue adding to this database using information collected from a management practice survey that was distributed to growers from 2009 to 2012.

Education Workshops and Outreach

VCAILG provided four classes from May to June 2013. One of the classes is being offered online to allow growers flexibility in attaining their eight required hours of education. The class takes approximately 2 hours to complete and has a quiz at the end to ensure that participants have absorbed the material. Since renewal of the waiver, both VCAILG and NGA-ILG have provided numerous opportunities for their members to receive all eight hours of education credit required by the Conditional Waiver.

Grant Management

Regional Water Board staff is overseeing a Proposition 84 grant for a mobile irrigation laboratory to improve irrigation efficiency on farms in Ventura County (Grant Agreement No. 10-417-554). The grantee is the Ventura County Resource Conservation District (RCD). Under the grant, RCD staff travels to farms, evaluates irrigation efficiency, recommends improvements, and provides cost share funding to implement the recommended improvements. The goal of the grant is to reduce dry-weather loading of agriculture-related pollutants.

Regional Water Board staff continues to manage a Clean Water Act section 319(h) grant which was executed for the purpose of identifying the contribution of and reducing metal loadings from nurseries and other irrigated agricultural lands in the San Gabriel River Watershed (Grant Agreement No. 11-098-554). The grantee is the Council for Watershed Health (CWH). The CWH has reported the status of their project in bi-monthly meetings with Regional Board staff and other stakeholders, and has identified priority locations for BMP implementation along the San Gabriel River. The drought, however, has negatively affected the project by preventing collection of baseline copper data, which is necessary to assess the effectiveness of implemented BMPs. CWH recently requested an extension of one year to wait for rain to create sufficient runoff to collect samples. The request was approved by Regional Water Board staff and the request was sent to the Department of Finance on June 5th, 2013.

For additional information on the Los Angeles Region Conditional Waiver for Irrigated Lands, please contact Jenny Newman at (213) 576-6691 jnewman@waterboards.ca.gov or [Barbara Barry at \(213\) 576-6681 bbarry@waterboards.ca.gov](mailto:bbarry@waterboards.ca.gov).

COLORADO RIVER BASIN CONDITIONAL WAIVER FOR AGRICULTURAL DISCHARGES June 2013

Colorado River Basin Regional Water Board staff has started implementing Board Order R7-2012-0047, a Conditional Waiver of Waste Discharge Requirements (WDRs) for agricultural wastewater discharges and discharges of wastes from drain operation and maintenance activities within the Palo Verde Valley and Mesa areas in Riverside and Imperial Counties. This Conditional Waiver affects about 120,000 acres of farmland along the Colorado River. In May 2013, Palo Verde Irrigation District (PVID) began enrolling its Coalition Group's members farming over six acres in the compliance program. PVID held workshops for farmers on May 28 and 30, 2013, attended by Regional Water Board staff. The deadline for enrolling in the program is June 30, 2013. The water quality monitoring program will begin later this summer.

Board Order R7-2013-0002 for the Bard Unit of Reservation Division (Imperial County) Conditional Waiver was adopted on January 17, 2013. This Conditional Waiver affects about 7,000 acres of farmland along the Colorado River near Yuma, Arizona. Implementation will not begin until 2014.

Staff is working with interested parties in the Coachella Valley to develop a Conditional Waiver of WDRs for consideration for adoption in late 2013. This Conditional Waiver affects about 60,000 acres of farmland in central Riverside County north of the Salton Sea. A CEQA scoping meeting was held April 29, 2013, in Palm Desert to seek public input on the appropriate scope and content of the environmental documents to be prepared pursuant to CEQA. Regional Water Board staff toured the Coachella Valley Water District service area with CVWD board members and staff on May 22, 2013 to view the CVWD drainage system serving over 37,000 acres of farmland.

Staff is also beginning to work with interested parties in the Imperial Valley (over 450,000 acres of irrigated lands) to develop a Conditional Waiver of WDRs for consideration for adoption in 2014. Staff presented information on the compliance program at the Imperial County Farm Bureau's seven Drainshed meetings in May and June at various locations throughout the valley. AEO Jose Angel, provided an informational update to the IID Board of Directors at its June 25, 2013, meeting on policy changes regarding the control of agricultural discharges, including the proposed Conditional Waiver program.

Grant Management

Staff is overseeing a \$900,000 Proposition 50/84 Agricultural Water Quality Grant Program project (Grant Agreement 09-351-557) titled the Precision Drain Cleaning BMP Plan. The grantee is the Imperial Irrigation District. The goal of the grant project is to reduce impacts of IID's dredging and maintenance operations throughout the over 1,300 mile drainage system by implementing a drain improvement program. Under the grant, IID staff will:

- Develop a protocol to classify, prioritize, and rectify substandard earthen drainage segments,
- Implement drain improvements as determined necessary,
- Implement a program to utilize vegetation (i.e., salt grass) as a drain erosion inhibitor, and
- Implement a GPS-guided drain cleaning program.

Staff has begun to manage a \$340,000 Clean Water Act section 319(h) grant, which was executed for the purpose of completing the construction of treatment wetlands for diverted flow from the Alamo River in Imperial County where suspended solids, nitrogen, phosphate, and fecal coliform originating from agricultural lands will be removed through organic activities prior to being released back to the Alamo River on its journey to the Salton Sea (Grant Agreement 12-411-257). The grantee is the Desert Wildlife Unlimited.

For additional information on the Colorado River Basin Conditional Waivers for agricultural discharges, please contact Doug Wylie at (760) 776-8960, or at dwylie@waterboards.ca.gov.

**SANTA ANA REGION
CONDITIONAL WAIVER OF WASTE DISCHARGE REQUIREMENTS FOR AGRICULTURAL
DISCHARGES (CWAD PROGRAM)
An update to the SWRCB-ILRP Coordinator
June 26, 2013**

Santa Ana Regional Water Board staff is proposing that all operators of irrigated and dry-farmed lands over ten acres, subject to inundation by flooding, and of other agricultural operations not already regulated by the Regional Board, enroll in a conditional waiver of waste discharge requirements. Regional Water Board staff is calling their program the Conditional Waiver (of waste discharge requirements) for Agricultural Discharges (CWAD). Regional Water Board staff is developing the CWAD program using a watershed-based approach. The first phase of the CWAD is being developed for waste discharges from agricultural operations located in the San Jacinto, Salt Creek, and Lake Elsinore Watersheds. The Santa Ana Regional Water Board adopted separate nutrient Total Maximum Daily Load's (TMDLs) for Canyon Lake and Lake Elsinore. The CWAD program is being designed to be part of the implementation program for these TMDLs.

Regional Water Board staff developed a “CWAD Program Advisory Group” (Advisory Group) which consists of about 20 members including local growers, industry groups, NGOs, and other major stake-holders. A CWAD advisory group meeting was held on April 25, 2013. The following topics were discussed at the meeting:

- Update on the revised CWAD Program schedule;
- Feedback from the Advisory Group regarding CWAD program agricultural activities, including farm operation categories and types, etc. (irrigated and non-irrigated operations);
- Specific issues related to excessive manure application, including illegal manure dumping in the watershed area;
- High TDS concentration in the groundwater basin;
- The inclusion of to dry land farming in the CWAD program;
- Lessons learned and challenges faced by the Los Angeles Region in their Irrigated Lands Regulatory Program (ILRP.)

Regional Water Board staff and management is reviewing a draft agricultural conditional waiver and draft CEQA Negative Declaration. First and second round of Regional Water Board in-house comments has been completed. Regional Water Board staff is incorporating comments into the agricultural conditional waiver order. Regional Water Board staff will provide the CWAD Advisory Group an opportunity to review the agricultural conditional waiver in the near future.

Regional Water Board staff has been attending Western Riverside County Agricultural Coalition (WRCAC) monthly technical committee meetings on a regular basis. WRCAC is a major stakeholder in CWAD program.

Next scheduled CWAD advisory group meeting is scheduled for Thursday, July 25, 2013, at 9:00 a.m. at Riverside County Farm Bureau’s Office, located in Moreno Valley, CA.

For more information, please contact:

Athar Khan 951 782-3219
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SAN DIEGO WATER BOARD IRRIGATED LANDS REGULATORY PROGRAM (AG WAIVER)

June 2013

The San Diego Regional Water Board staff has continued to progress on several fronts related to our current conditional waiver of waste discharge requirements for discharges from Agricultural and Nursery operations (Ag Waiver). General tasks currently include: conducting inspections at randomly selected facilities to assess the level of Discharger familiarity with the waiver conditions; initiating the informal enforcement processes for noncompliance; and initiating the processes associated with renewing the Ag Waiver in 2014.

Activities in the San Diego Region include:

- Regional Water Board staff developed a series of web pages to support the regional implementation of our Irrigated Lands Program (online at: http://www.waterboards.ca.gov/sandiego/water_issues/programs/irrigated_land/irrigated_ag.shtml).
- Regional Water Board staff convened an Information Item for the San Diego Water Board members regarding water quality management training to support our Irrigated Lands Program.¹

Many organizations provide information and/or assistance to our regional growers (i.e., County Farm Bureaus, Natural Resource Conservation Service, Resource Conservation Districts, University of California Cooperative Extension [UCCE]). The UCCE staff was invited to speak about their water education course covering six water quality topics that alternate from year to year. UCCE staff informed our Board Members that a certificate of completion is provided in each class, and the tools for self-assessment and record keeping are available both in class and online, in addition to other grower resources to assist in employee training. The UCCE also provides a variety of management resources and BMP's on the UCCE website along with slide presentations on select agricultural water quality topics.

- Regional Water Board staff is working through an additional list of 135 agricultural operations that have reportedly left the existing agricultural monitoring groups/coalitions, and failed to file an individual notice of intent (NOI) for coverage under the Ag-Waiver. The identified operations have been routed to the Compliance and Enforcement Assurance Unit to evaluate enforcement alternatives and prioritize further actions according to available resources.
- Regional Water Board staff continue to research and develop a list of potential operations that may be classified as "non-filers" (e.g., failed to enroll in a monitoring group or file a notice of intent (NOI) to enroll as an individual operation). Staff continues to develop and issue noncompliance/staff enforcement letters (total of 12), for failure to

¹ Agenda Item 5 on May 8, 2013: http://www.waterboards.ca.gov/sandiego/board_info/agendas/2013/May/item5/Item_5_EOSR.pdf

comply with multiple waiver conditions, during May and June 2013. Staff issued another Notice of Violation (NOV No. R9-2013-0114)² for failure of an eligible agricultural operation to apply for coverage under the Ag-Waiver and requires that Discharger to report information about their compliance with applicable requirements.

- Regional Water Board staff participated in a teleconference call with the San Diego County Farm Bureau to update them on the status of region-wide compliance with the Ag-Waiver, compliance with applicable monitoring/reporting requirements, and discuss the status of current monitoring efforts by the San Diego Irrigated Lands Monitoring Group.
- As a follow-up to a previous meeting with the Rainbow Municipal Water District General Manager, Regional Water Board staff sent a letter to the Rainbow Municipal Water District GM with a request to confirm their decision on forming a monitoring group for the agricultural operations located within the District located in Rainbow Valley.
- Regional Water Board staff reviewed and provided written concurrence with proposed revisions to monitoring plans submitted by the Upper Santa Margarita River Irrigated Lands Group, Hines Monitoring Group, and San Diego Irrigated Lands Group.
- Regional Water Board staff continue to receive and respond to numerous phone calls and emails from owners/operators of agricultural operations regarding implementation of the Ag Waiver.
- Regional Water Board staff continues to develop draft revisions to the Ag-Waiver; draft Monitoring and Reporting requirements; and associated CEQA documents for regional management review and comment prior to release for public review.

For additional information on the San Diego Regional Water Boards Irrigated Lands Program, please contact Roger Mitchell at (858-467-2724) rmitchell@waterboards.ca.gov

² NOV: http://www.waterboards.ca.gov/sandiego/water_issues/programs/irrigated_land/docs/na/r920130114.pdf

**CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD
IRRIGATED LANDS REGULATORY PROGRAM (ILRP)
July 2013**

This Irrigated Lands Regulatory Program monthly report will provide an update on activities of the Central Valley Regional Water Quality Control Board (Central Valley Water Board) ILRP, as reported in the Central Valley Water Board's July 25-26, 2013 Executive Officer's report. Current and past ILRP program monthly reports can be found on the State Water Board Irrigated Lands Regulatory Program website:

http://www.waterboards.ca.gov/water_issues/programs/agriculture/

For specific program information on the Central Valley Water Board ILRP, contact Mr. Joe Karkoski, program manager, at (916) 464-4668.

For additional information on the statewide ILRP, please contact State Water Board staff:

Johnny Gonzales (916) 341-5510 jgonzales@waterboards.ca.gov

Gita Kapahi (916) 341-5501 gkapahi@waterboards.ca.gov

General Waste Discharge Requirements (WDRs) Development

Individual Growers WDRs

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

Sacramento River Watershed WDRs

On June 10, 2013, Regional Water Board staff met with representatives of the Sacramento Valley Water Quality Coalition (SVWQC) to continue discussion of development of the Sacramento River Watershed WDRs. The primary focus was on the revised WDR.

Sacramento Valley Rice WDRs

On June 3, 2013, Regional Water Board staff met with the California Rice Commission (CRC) for a technical discussion on the CRC's revised Groundwater Assessment Report (GAR). Major items discussed were the additional data and information requested by staff that were included in the revised GAR.

On June 28, 2013, Regional Water Board staff met with the CRC to continue discussion of the revised WDR, surface water monitoring requirements, and next steps for the GAR.

Delta WDRs

On May 22, 2013, Regional Water Board staff met with representatives from the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) to discuss the WDRs and monitoring and reporting program (MRP).

On June 17, 2013, Regional Water Board staff met with representatives from the San Joaquin County and Delta Water Quality Coalition (SJCDWQC) and Sacramento Valley Water Quality Coalition (SVWQC) to discuss the boundary at Tyler Island/Staten Island and in the Dry Creek watershed. The current boundary follows county lines which makes administration of the

program efficient for the coalitions. It was agreed that the boundary will not change. To ensure adequate coverage of the Dry Creek watershed, the third parties will take joint responsibility for monitoring and implementation activities.

Western San Joaquin River Watershed WDRs

On May 21, 2013, Regional Water Board staff met with representatives of the Westside San Joaquin River Watershed Coalition to discuss draft WDR and MRP Order for the growers within the Western San Joaquin River Watershed.

On June 14, 2013, Regional Water Board staff released an administrative draft WDR and MRP for growers that are members of the third-party group within the Western San Joaquin River Watershed. Interested-person comments are due by July 15, 2013, and a board workshop will be held on July 30, 2013 in Los Banos.

Westlands WDRs

On June 14, 2013, staff released the administrative draft of the WDR and MRP for growers that are members of a third-party group within the Western Tulare Lake Basin Area. Interested-person comments are due by July 15, 2013, and a board workshop will be held on July 20, 2013, in Los Banos.

Litigation and Petition

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

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

http://www.waterboards.ca.gov/public_notices/petitions/water_quality/petitions.shtml

Compliance & Outreach – East San Joaquin Agricultural Parcel Inspections

In May and June 2013, Regional Water Board staff continued conducting inspections of parcels in the East San Joaquin River Watershed. The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the Eastern San Joaquin River Watershed General Order. Staff conducted inspections on 5 and 4 days in May and June, 2013, respectively, with a total of 279 parcels inspected. Data gathered during these inspections will be used to focus and prioritize the issuance of 13260 directives to commercial irrigated lands that are not covered by the East San Joaquin Coalition.

Compliance & Outreach – Water Code section 13260 Directives

In June 2013, Regional Water Board staff mailed 99 13260 directives to landowners in the Eastern San Joaquin River Watershed whose parcels are used for commercial irrigated lands (as determined by staff inspections). The directives require the recipients to submit proof of coalition membership or a Report of Waste Discharge.

Compliance & Outreach – Complaint Investigation

On June 13, 2013, Regional Water Board staff responded to a complaint of a sediment plume in the San Joaquin River near the community of Crows Landing. Regional Water Board staff found the source of the plume was a bean field discharging sediment-laden irrigation water to an irrigation ditch that outfalls to the San Joaquin River. Regional Water Board staff collected a discharge flow estimate and water samples. Upon returning to the office, Regional Water Board staff contacted the responsible grower and made him aware of the sediment discharge. The investigation is currently ongoing.

Coalition Groups

East San Joaquin Water Quality Coalition

On April 11, 2013, the East San Joaquin Water Quality Coalition (Coalition) submitted the outline for the Groundwater Quality Assessment Report (GAR) as required by the WDR General Order for Growers within the Eastern San Joaquin River Watershed. Regional Water Board staff reviewed the GAR outline and provided comments to the Coalition on May 6, 2013. The Coalition will provide periodic updates on the progress of the GAR development; the GAR is due on January 13, 2014.

On April 11, 2013, the East San Joaquin Water Quality Coalition (Coalition) submitted templates for Farm Evaluation, Nitrogen Management Plan and Summary Report, and Sediment and Erosion Control Plan as required by the WDR. Regional Water Board staff provided comments to the Coalition on June 14, 2013. Regional Water Board staff will meet with the agricultural representatives who participated in the development of the draft templates on July 8, 2013, to discuss further steps for template development. The Coalition will address Regional Water Board staff comments before the templates are made available for public comment. After public comments are received and considered, the Executive Officer will approve, conditionally approve, or disapprove the templates.

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

On May 30, 2013, the East San Joaquin Water Quality Coalition requested an extension for the management plan schedule. The Coalition request for additional time was due to an intensive effort associated with outreach meetings, new member enrollment, and responding to an increased number of inquiries from new and existing members regarding the WDR. The Executive Officer approved the requested extension on June 5, 2013. The granted extension will not affect the subsequent Management Plan milestones.

On June 4, 2013, the East San Joaquin Water Quality Coalition requested to remove Silva Drain at Meadow Drive from its monitoring program. The request indicates that Silva Drain has been filled and no longer exists, and that samples believed to be collected from Silva Drain were actually from a ditch that does not leave the owner's property. The request and the submitted evidence are under staff review.

On June 11, 2013, Regional Water Board staff held the 19th quarterly meeting with the East San Joaquin Water Quality Coalition (Coalition) to discuss progress of implementing the Coalition's Management Plan, performance goals and status of other activities in progress. The Coalition provided an update on the monitoring results and outreach in the subwatersheds that have active management plans.

Sacramento Valley Water Quality Coalition (SVWQC)

On May 3, 2013, the Coalition submitted a Performance Goals document outlining planned activities to address a Management Plan for malathion in the Colusa Basin Drain. The Coalition also submitted a Source Evaluation Report for lead in the Pit River on May 22, 2013. These deliverables are currently under review by Regional Water Board staff.

On May 8, 2013, Regional Water Board staff attended the Shasta-Tehama Coalition annual meeting in Red Bluff, CA. Discussion focused on upcoming monitoring requirements, the Sacramento River Watershed WDR, and increases in fees.

On May 22, 2013, the Coalition sent a request to the Executive Officer to determine that the Management Plans for organochlorine pesticides and breakdown products (DDT and DDE) are complete. These requests are under staff review.

On June 19, 2013, Regional Water Board staff met with SVQWC representatives for a quarterly Management Plan meeting. Regional Water Board staff requested some additional information to complete the review of the Coalition's Annual Monitoring Report, as well as other Coalition deliverables currently under review. Also discussed were the status of monitoring sites in Placer County and significance of recent toxicity exceedances in Sacramento County.

San Joaquin County and Delta Water Quality Coalition

On June 1, 2013, the San Joaquin County and Delta Water Quality Coalition submitted their quarterly monitoring data to staff, as part of the ILRP requirements.

Southern San Joaquin Valley Water Quality Coalition (SSJVWQC)

On June 5, 2013, Regional Water Board staff met with a representative of the Buena Vista Water Storage District, which represents a portion of growers within the Kern River Sub-watershed. Topics of discussion included the current status of the tentative Tulare Lake Basin Area WDRs, requirements to form a third-party under the upcoming WDRs, and the hydrology of the Buena Vista-Main Drain area.

Westside Coalition

On May 7, 2013, Regional Water Board staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

On May 15, 2013, Regional Water Board staff held the Westside San Joaquin River Watershed Coalition quarterly meeting. Topics included a summary of prior quarter activity, June SAMR status, Coalition's response to no-flow waterbodies, outreach status, and QAPP status.

On June 4, 2013, Regional Water Board staff participated in the Westside San Joaquin River Watershed Coalition steering committee meeting. The Coalition reviewed its monitoring and reporting status.

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

California Rice Commission Coalition

On June 14, 2013, Regional Water Board staff provided comments to the California Rice Commission (CRC) for the 2012 Annual Monitoring Report. By July 1, 2013, the CRC is to submit a report with the corrective actions to ensure QA/QC requirements are met.

Other Projects

Grasslands Bypass Project Pilot Treatment Plant

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

Data Management

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

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

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. Regional Water Board staff is currently processing the Westside Coalition and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, these sets will complement the existing data on CEDEN providing all of the data submitted by both Coalitions since program inception. The current goal is to complete the Westside Coalition data by the end of September 2013 and the Sacramento Valley Coalition Data by the end of the year.

Prop 84 Grant Funding

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

Field measurements have begun as part of a study to validate the accuracy of the soil erosion model. The model is scheduled to be completed in December 2013.

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