

## IRRIGATED LANDS REGULATORY PROGRAM MONTHLY REPORT FOR FEBRUARY 2016

### STATE WATER RESOURCES CONTROL BOARD:

On February 3, 2016, Irrigated Lands Regulatory Program (ILRP) staff participated in a meeting with the Natural Resources Conservation Service (NRCS) and US Environmental Protection Agency (USEPA) Region 9. The meeting objective was to continue advancing NRCS/State Water Board/EPA partnership). Topics of discussion included: Status of current NWQI projects; Future of National Water Quality Initiative (NWQI) projects (i.e. monitoring, new projects, priority); status of California Agricultural Partnership Forum (CAPF); Next steps in advancing CAPF; identify other joint projects we should be collaborating on (i.e. link between EQIP, 319, SRF, CDFG, DPR, other projects/funding).

On February 4, 2016, ILRP staff participated in Fee Stakeholder meeting. The meeting was conducted by the State Water Board Fee Unit. The meeting objective was to present a forecast of the FY 2016/17 Budget.

On February 8, 2016, the State Water Resources Control Board (State Water Board) released a proposed order in the matter of *“Own Motion Review Of Waste Discharge Requirements General Order No. R5-2012-0116 For Growers Within The Eastern San Joaquin River Watershed That Are Members Of The Third-Party Group, Central Valley Regional Water Quality Control Board: Revised Notice Of Public Workshop And Notice Of Written Public Comment Period SWRCB/OCC FILES A-2239(a)-(c)”*, along with notice of a public workshop date and written public comment period

On February 10, 2016, ILRP staff participated in technical discussion on biochar. Scott Morgan, State Clearinghouse Director - Deputy Director, Administration, Governor's Office of Planning and Research hosted the meeting. Discussion included the potential for biochar to be used as a product itself or as an ingredient within a blended product, with a range of applications as an agent for soil fertility enhancement, improved soil water use efficiency, remediation and/or protection against organic and inorganic particular environmental pollutants, and as an avenue for greenhouse gas mitigation.

On February 11, 2016, ILRP staff participated in a California Association of Pest Control Adviser - Certified Crop Adviser Board of Director's (BOD) meeting.

On February 17, 2016, ILRP staff participated in a CAPF steering committee meeting and agricultural healthy soil related field tour. Agencies participating were staff from CA NRCS, USEPA Region 9, Central Valley Regional Water Quality Control Board, California Department of Food and Agriculture (CDFG), California Association of Resource Conservation Districts, California Air Resources Board, San Joaquin Air District, California Department of Pesticide Regulation, California Department of Water Resources, and CalRecycle. Topic discussed included: Conservation Planning; Plant Material Center – Walking Tour (USDA Plant Material Center observed cover crops, water efficacy, and pollinator habitat); current conservation tools utilized by each agency; identify upcoming opportunities on other soil health workgroups, meeting, etc. (i.e. avoid redundancy); and next steps

On February 19, 2016, ILRP staff participated in a quarterly recurring conference call to update and to exchange residuals and biosolids information with the State and Regional Biosolids Coordinators and the National Biosolids Partnership (NBP) Advisory Committee. Topics discussed included: DOE, EPA, and USDA “Biogas Opportunities Roadmap Progress Report” released on 08-DEC-2015 (the report highlights activities and accomplishments undertaken since the release of the “Biogas Opportunities Roadmap” in 2014); U.S. Food and Drug Administration (FDA) posting of the Final Environmental Impact Statement (EIS) for the Proposed Rule: Standards for Growing, Harvesting, Packing, and Holding of Produce for Human Consumption (Produce Safety Proposed Rule) on 01-DEC-2015 (Docket ID:FDA-2014-N-2244); the Microbead-Free Waters Act of 2015 (H.R.1321) that was passed by Congress on 18-DEC-2015 and is headed to the president for signature; co-digestion, advanced

digestion processes; definition of high-efficiency SSI characteristics; engines, microturbines, fuel cells; char/ash value added products, Struvite harvesting; hydrothermal liquefaction; and survey of operational dryer facilities currently on-going

On February 23, 2016, the State Water Board received a request from multiple organizations representing the agricultural community to postpone the public workshop date and extend the public comment period, by approximately one month, in order to allow for additional time to review the proposed order and prepare meaningful comments. The State Water Board received a joinder in that request on February 25, 2016, from the Tule Basin Water Quality Coalition and the Kaweah Basin Water Quality Association. The State Water Board granted the requests, in part, and set a new public workshop date and extends the written public comment period. The State Water Board will hold a workshop on the proposed order on Wednesday, April 20, 2016, commencing at 9:00 a.m. in the Coastal Hearing Room, Second Floor of the Cal/EPA Building, 1001 I Street, Sacramento, California. Interested persons will separately receive an agenda for the meeting.

On February 25, 2016, ILRP staff participated in a meeting hosted by the California Roundtable on Agriculture and the Environment (CRAE). State Water Board Executive Director presented a drought update and fielded questions on the ILRP. Other topics discussed included: selecting CRAE's focus in 2016; issue in California's agriculture and the environment is ripe for CRAE to tackle; action planning; and CRAE's Impact in 2016.

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

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#### **REGIONAL WATER BOARD:**

This month's ILRP report provides an update on the activities of the Central Valley Regional Water Quality Control Board (Regional Water Board) ILRP as presented in the Regional Water Board February 18-19, 2016 Executive Officer report and formatted by State Water Board ILRP staff.

Future monthly reports alternately present the status of the Central Valley Regional Water Board ILRP for one month, and the Regional Water Board ILRPs 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/](http://www.waterboards.ca.gov/water_issues/programs/agriculture/)

For specific program information on the Central Valley Water Board ILRP, contact:

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### **CENTRAL VALLEY REGIONAL WATER QUALITY CONTROL BOARD IRRIGATED LANDS REGULATORY PROGRAM February 2016**

#### **Waste Discharge Requirements (WDR) Development**

Eastern San Joaquin River Watershed, Tulare Lake Basin Area, Western Tulare Lake Basin Area, Western San Joaquin River Watershed, San Joaquin County and Delta Area, Sacramento River Watershed Area, and Grassland Drainage Area WDRs.

On December 17, 2015, the Central Valley Regional Water Quality Control Board (Central Valley Water Board) released proposed changes to the WDR General Orders for Growers within the Central Valley

that are members of a Third-Party Group. The proposed changes will remove Nitrogen Management Plan (NMP) requirements for managed wetlands and irrigated pasture that do not apply fertilizer. In addition, proposed changes remove the requirement for managed wetlands to prepare a Sediment and Erosion Control Plan and allow the use of the Wetland Evaluation Template. On January 7, 2016, a revised notice of public hearing was issued to clarify that NMPs are prepared to address applied fertilizers only. The proposed changes apply only to parcels operated exclusively as managed wetlands and irrigated pasture that do not apply fertilizers. A public hearing concerning proposed revisions was held at the regular board meeting on February 18-19, 2016.

### **Sacramento River Watershed WDRs**

On December 17, 2015, the Central Valley Water Board released a proposed revision to the WDR for Growers within the Sacramento River Watershed that are Members of a Third-party Group under Order R5-2014-0030. The proposed revision will provide a 1-year extension (from March 1, 2016 to March 1, 2017) for the following requirements for members in high vulnerability groundwater areas:

- Certification of Nitrogen Management Plans, and
- Submission of Nitrogen Management Plan Summary Reports

A public hearing concerning this matter was held at the regular board meeting on February 18-19, 2016.

### **Sediment Erosion and Control Plan Template**

On December 1, 2015, a Sediment & Erosion Control Plan (SECP) Template was issued by the Executive Officer. The template is to be distributed by third-party groups / Coalitions to members to fulfill the applicable requirements of the General Order. A fillable SECP template was posted on the Central Valley Water Board website.

### **Nitrogen Management Plan Summary Report Template**

On December 23, 2015, the Executive Officer issued the final Nitrogen Management Plan Summary Report Template for all Central Valley third-party groups (except for the California Rice Commission). The template is to be distributed by third-party groups to members to fulfill the applicable requirements of the General Orders.

### **Crop Nitrogen Knowledge Gap Study Plan**

The Nitrogen Management Plan Technical Advisory Work Group (Work Group) was convened by the Central Valley Water Quality Coalitions to develop guidance for member growers to estimate nitrogen removed and to develop a "Crop Nitrogen Knowledge Gap Study Plan" (Study Plan). The Work Group met from April to September 2015 to discuss current nitrogen management tools, methods to estimate available nitrogen in organic amendments and residual in soil, and methods to estimate nitrogen removed during plant harvest for various crops. Based on input from the Work Group, the Coalitions submitted a Study Plan with guidance documents on December 18, 2015. On January 19, 2016, the Executive Officer provided comments on the Study Plan and required a revised Plan by February 19, 2016.

### **ILRP Stakeholder Meeting**

On January 13, 2016, the ILRP held a stakeholder meeting at the Merced Farm Bureau. The meeting was held to provide an open forum for communication between Central Valley Water Board staff, agricultural coalitions, environmental justice groups, and other interested parties in Central Valley Region. Updates were provided by representatives of the Central Valley Water Board, CDFA, agricultural coalitions, and environmental justice groups. A focused discussion was held regarding the Crop Nitrogen Knowledge Gap Study Plan.

### **ILRP Compliance, Outreach & Enforcement**

#### **Agricultural Parcel Inspections**

The purpose of these inspections is to determine if the parcels are commercial irrigated lands that require coverage under the ILRP. Data gathered during these inspections will be used to focus and prioritize the issuance of California Water Code (CWC) 13260 directives to commercial irrigated lands that are not covered by the ILRP. Growers may obtain coverage by joining an agricultural water quality coalition and enrolling in the associated ILRP general order or enrolling in the ILRP individual general order. The table below presents parcel inspections conducted for each coalition area. Coalition areas not shown had no inspections during the reporting period.

<b>Coalition Area</b>	<b>Parcel Inspections Nov 1 – Jan 15</b>
Kaweah Basin	10
Kings River	70
San Joaquin County & Sacramento Valley	124
Tule Basin	54
<b>Total</b>	<b>287</b>

### **Water Code Section 13260 Directives**

These directives are sent to owners of commercial irrigated lands as identified through Central Valley Water Board staff inspections of agricultural-zoned parcels. The recipients are required to submit a Notice of Intent (NOI) to obtain either group or individual regulatory coverage within 15 days of receipt of the directive. Coalition areas not shown had no directives mailed during the reporting period.

<b>Coalition Area</b>	<b>Directives Mailed Nov 1 – Jan 15</b>
Kaweah Basin	4
San Joaquin County & Delta	103
Sacramento Valley	125
Tule Basin	10
<b>Total</b>	<b>242</b>

### **Notices of Violation for Failure to respond to a Water Code Section 13260 Directive**

Notices of Violation (NOVs) are sent to landowners who fail to respond to a CWC 13260 Directive. These owners of commercial irrigated lands were previously mailed directives that required the recipients to submit proof of coalition membership or a Notice of Intent to get regulatory coverage. The NOVs give the recipients 15 days to respond or face administrative civil liability. The table below presents NOVs mailed by coalition area. Coalition areas not shown had no NOV mail outs during the reporting period.

<b>Coalition Area</b>	<b>NOVs Mailed Nov 1 – Jan 15</b>
East San Joaquin	1
San Joaquin County & Delta	33
Sacramento Valley	26
Kings River	25
<b>Total</b>	<b>85</b>

### **Settlement of Administrative Civil Liability Complaints**

On December 23, 2015 the Central Valley Water Board reached a settlement agreement with Pedro Escobedo in the amount of \$21,000 for violating CWC section 13260 by failing to obtain regulatory coverage for their irrigated agricultural lands. The full Settlement Agreement is available for review on the Regional Board's adopted orders webpage.

### Coalition Enrollment Summary

The tables below provide the latest coalition enrollment data based on coalition member lists submitted annually to comply with the ILRP general order requirements and subsequent voluntary updates to member lists. The ILRP General Orders require coalitions to provide enrollment data each July but Central Valley Water Board staff requests a voluntary update in December to ensure accurate information for annual billing. The reductions in acreage are primarily due to drought-related fallowing of land. Also, some dairymen have modified their dairy general order coverage to include crop land that was once in the ILRP.

<b>Table 1 of 2. Coalition Enrollment Information Summary in the Sacramento, Delta, East and Western</b>				
<b>Coalition Group</b>	<b>East San Joaquin</b>	<b>Sacramento Valley</b>	<b>San Joaquin Co. &amp; Delta</b>	<b>Western San Joaquin River</b>
<b>Participating Growers</b>				
Number of Growers, as of July 2015	3,743	8,618	3,515	2,507
Number of Growers, as of Jan 2016	3,579	8,618	3,515	2,508
Change (Additional Growers Enrolled)	-164	0	0	1
<b>Enrolled Acreage</b>				
Number of Acres, as of July 2015	713,216	1,340,216	386,452	446,057
Number of Acres, as of Jan 2016	696,156	1,340,216	386,452	435,922
Change in Acres Enrolled	-17,060	0	0	-10,135

<b>Table 2 of 2. Coalition Enrollment Information Summary for the Tulare Lake and Western Tulare Lake Basins</b>								
<b>Coalition Group</b>	<b>Buena Vista</b>	<b>Cawelo</b>	<b>Kaweah Basin</b>	<b>Kern River</b>	<b>Kings River</b>	<b>Tule Basin</b>	<b>Westside</b>	<b>Westlands</b>
<b>Participating Growers</b>								
Number of Growers, as of July 2015	61	87	1,321	819	5,165	1,116	43	1,214
Number of Growers, as of Jan 2016	61	87	1,321	819	4,724	1,116	43	1,275
Change (Additional Growers Enrolled)	0	0	0	0	-441	0	0	61
<b>Enrolled Acreage</b>								
Number of Acres, as of July 2015	30,788	34,524	163,422	513,097	790,358	225,018	99,761	511,467
Number of Acres, as of Jan 2016	30,788	34,524	163,422	522,776	761,019	225,018	99,761	490,495
Change (Additional Acres Enrolled)	0	0	0	9,679	-29,339	0	0	-20,972

### Sacramento River Watershed Coalition Groups

#### California Rice Commission Coalition

On October 1, 2015, the California Rice Commission submitted the draft Groundwater Trend Monitoring Workplan and Data Gap Assessment Plan for Central Valley Water Board staff review. The draft Workplan includes a quality assurance project plan for groundwater to supplement the surface water plan as an appendix. As required by the Order, the Workplan details the groundwater trend monitoring that will take place to determine current water quality conditions of groundwater relevant to rice operations and develop long-term groundwater quality information that can be used to evaluate the

regional effects of rice practices. The draft Workplan is under staff review.

On December 24, 2015, the California Rice Commission submitted the 2015 Annual Monitoring Report for Waste Discharge Requirements for Sacramento Valley Rice Growers. As required by the Order, the Annual Report details the monitoring conducted from November 1, 2015 through October 31, 2015. The draft Annual Report is under Central Valley Water Board staff review.

### **Sacramento Valley Water Quality Coalition**

On November 5, 2015, Central Valley Water Board staff held a Quarterly Management Plan Meeting with Sacramento Valley Water Quality Coalition (SVWQC) to discuss the status of submitted management plan completion requests; progress of SVWQC's management plans; status of the Sediment Discharge Erosion Assessment Report Workplan to Address Proximity to Surface Waters; and Farm Evaluation Survey reporting requirements.

On December 16, 2015, SVWQC submitted requests to complete management plans for chlorpyrifos and diuron in Willow Slough in Yolo County. Central Valley Water Board staff is in the process of reviewing the requests.

On December 17, 2015, Central Valley Water Board staff held a meeting with SVWQC to discuss the required frequency of Farm Evaluation Surveys for those areas with only *E. coli* management plans; and pH and dissolved oxygen management plan requirements for Fall River and Pit River in the North Eastern California Water Association.

On December 21, 2015, SVWQC submitted a request for completion of a management plan for diazinon in Gilsizer Slough in the Butte-Yuba-Sutter subwatershed. Central Valley Water Board staff is in the process of reviewing the requests.

On December 23, 2015, SVWQC submitted the Sediment Discharge and Erosion Assessment Report (SDEAR) – Workplan to Address Proximity to Surface Waters. The workplan was prepared in response to the Central Valley Water Board's August 14, 2015 letter, which required SVWQC to submit a workplan and timeline to address proximity to surface waters in order to receive final approval of the SDEAR. Central Valley Water Board staff is in the process of reviewing the workplan.

On December 28, 2015, the Napa County Putah Creek subwatershed submitted a proposal for the Reduced Monitoring / Management Practices Verification Option for review and approval by the Central Valley Water Board Executive Officer. Central Valley Water Board staff is in the process of reviewing the proposal.

### **San Joaquin River Watershed Coalition Groups**

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

On November 4, 2015, the Executive Officer partially approved the East San Joaquin Water Quality Coalition's Surface Water Quality Management Plan (SQMP). The updated SQMP includes a compliance schedule to meet water quality objectives and provides a timetable to conduct source identification studies for constituents with unknown sources of exceedances. For the final approval, the Coalition is required to provide justification to lower the dissolved oxygen trigger limit for 12 conveyance/drainage structures.

On November 13, 2015, the Executive Officer approved the Coalition's Monitoring Plan Update (MPU) for the 2016 water year (October 1, 2015 through September 30, 2016). The proposed schedule includes monitoring of constituents during the application periods.

On December 1, 2015, Central Valley Water Board staff received the East San Joaquin Water Quality

Coalition's Quarterly Monitoring Data Report for the period April-June 2015.

On December 4, 2015, the Executive Officer approved the Coalition to prepare Phase II of the Groundwater Quality Trend Monitoring (GQTM) Work Plan. The Coalition is required to justify the proposed depth of the monitoring wells in Phase I of the GQTM Work Plan. The Coalition must also revise the GQTM Work Plan so that all Trend Monitoring Program wells are sampled a minimum of annually and samples are analyzed for all required constituents listed in the Order.

On December 4, 2015, the Executive Officer approved the completion of Coalition's management plans for 12 site/constituent pairs that met the conditions for completion; management plans will continue for 2 site/constituent pairs that do not meet the requirements for completion.

On December 23, 2015, the Executive Officer conditionally approved the Coalition's Proximity to Surface Water Work Plan. The work plan was prepared in response to the conditional approval of the Sediment Discharge and Erosion Assessment Report. The Coalition proposal not to require a Sediment and Erosion Control Plan from parcels that have a barrier or elevation difference with adjacent water bodies or covered with a riparian vegetation is acceptable, provided that the parcels do not have any discharge mechanisms that circumvent the elevation difference, or additional information regarding the adequacy of the vegetation to filter out sediment is provided.

On January 8, 2016, the Executive Officer approved the Coalition's Quality Assurance Project Plan amendment request. The Coalition is revising the data quality objectives for acceptable percent recovery limits in laboratory control spikes and matrix spikes.

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

On November 24, 2015, the Executive Officer approved the May 2015 San Joaquin County and Delta Water Quality Coalition's Surface Water Quality Management Plan with stipulations. The plan provides an evaluation of water quality impairments, evaluation of management practices, and establishes performance goals and measures with a time-table.

On December 18, 2015, the Executive Officer approved the Coalition's Monitoring Plan Update. The Monitoring Plan Update proposes the water quality monitoring schedule for the period between October 2015 and September 2016.

On December 15, 2015, Central Valley Water Board staff received the SJD Coalition's work plan for addressing discharge risk from parcels in proximity to surface water. This was in response to the Executive Officer's request for more information in the Sediment Discharge and Erosion Assessment Report review. The work plan is under Central Valley Water Board staff review.

On December 18, 2015, the Executive Officer approved the Coalition's request for completion of management plans. Twenty site/constituent pairs included in the September 2015 request for management plan completion were found to meet the Order's requirements.

On December 18, 2015, the Executive Officer approved the Coalition's April Groundwater Assessment Report. The purpose of the GAR is to provide the foundational information necessary for design of the Management Practice Evaluation Program, the Groundwater Quality Trend Monitoring Program, and the Groundwater Quality Management Plan(s).

#### **Westside San Joaquin River Watershed Coalition**

On November 13, 2015, the Westside San Joaquin River Watershed Coalition submitted the draft Western San Joaquin River Watershed Comprehensive Groundwater Quality Management Plan for Central Valley Water Board staff review. The Plan was submitted in accordance with Waste Discharge Requirements General Order R5-2014-0002 (Order) and defines the methods that will be used to

address high vulnerability groundwater areas designated by the Groundwater Quality Assessment Report. The Plan is currently under Central Valley Water Board staff review.

On November 13, 2015, Central Valley Water Board staff held a Quarterly Meeting with Coalition representatives to discuss the status of ongoing surface water quality management plans. Coalition education and outreach activities were discussed along with exceedance reports, comprehensive surface water quality management plan report, wetland supply channels monitoring and management plan completion requirements.

On November 25, 2015, the Executive Officer conditionally approved the Coalition's 'Sediment Discharge and Erosion Assessment Report' that requires the Coalition to submit a work plan with a timeline to address proximity to surface waters as a risk factor by March 25, 2016.

On November 25, 2015, the Executive Officer approved the Coalition's 2015 Monitoring Plan Update. This Monitoring Plan covers the period from March 2015 through February 2017 and fulfills the monitoring and reporting program requirements of the Order.

On December 22, 2015, Central Valley Water Board staff met with Coalition representatives to discuss additional monitoring sites that would be required for the wetlands supply channels (for selenium and boron). A proposal from the Coalition is under review.

On January 15, 2016, the Coalition submitted their Monitoring Plan Update-2016 (MPU-2016) to accommodate the changes in their monitoring plan by including additional monitoring for Selenium and Boron at the Wetlands Supply Channels. The MPU-2016 is currently under Central Valley Water Board staff review.

#### **Grassland Basin Drainage Steering Committee (Grassland Drainage Area Coalition)**

On October 20, 2015, the Grassland Drainage Area Coalition submitted a draft outline for the Groundwater Quality Assessment Report for Central Valley Water Board staff review. The draft outline details the information and format for the Report required by July 31, 2016. On November 12, 2015, the ILRP Program Manager approved the proposed outline for the Groundwater Quality Assessment Report.

#### **Tulare Lake Basin Coalition Groups**

##### **Buena Vista Coalition**

On November 5, 2015, the Executive Officer issued a conditional approval of the Sediment Discharge and Erosion Assessment Report submitted by the Buena Vista Coalition. The conditional approval requires that revisions to the report be submitted by March 5, 2016.

##### **Cawelo Water District Coalition**

On November 13, 2015, the Executive Officer issued a conditional approval of the Sediment Discharge and Erosion Assessment Report submitted by the Cawelo Water District Coalition. The conditional approval requires that revisions to the report be submitted by March 16, 2016.

On December 21, 2015, Central Valley Water Board staff met with the Cawelo Water District Coalition to discuss the necessary revisions to the SDEAR and the timeline for submittal.

##### **Tule Basin Water Quality Coalition**

On December 8, 2015, Central Valley Water Board staff met with the Tule Basin Water Quality Coalition to discuss the necessary revisions to the Sediment Discharge and Erosion Assessment Report and the timeline for submittal.

##### **Westlands Water Quality Coalition**

On November 20, 2015, the Executive Officer issued a conditional approval of the Sediment Discharge and Erosion Assessment Report submitted by the Westlands Water Quality Coalition. The conditional approval requires that revisions to the report be submitted by March 21, 2016.

### **Westside Water Quality Coalition**

On November 2, 2015, the Executive Officer issued a conditional approval of the Sediment Discharge and Erosion Assessment Report submitted by the Westside Water Quality Coalition. The conditional approval requires that revisions to the report be submitted by May 2, 2016.

### **Other Projects**

#### **Data Management**

In May 2015, the Central Valley Regional Data Center's (CVRDC) contract expired, and CVRDC's assistance with loading ILRP data into the California Environmental Data Exchange Network (CEDEN) has ceased until a new contract is executed. This has delayed uploads of ILRP data into CEDEN and will make it more difficult for interested parties to obtain some of the ILRP data.

Data collected prior to 2009 will continue to be available on the ILRP surface water quality data webpage until those sets are processed and transferred to CEDEN. Central Valley Water Board staff is currently processing the Westside and Sacramento Valley Coalition data collected between 2004 and 2008. Once complete, this set will complement the existing data on CEDEN providing all of the data submitted by the Westside Coalition since program inception.

Central Valley Water Board staff continues to process USBR Grassland Bypass Project monitoring data for 2013 and 2014. These data are new for the ILRP to process and will require a significant amount of time to be loaded into the CV RDC replica.

On November 30, 2015, the Westside San Joaquin River Coalition provided their semi-annual monitoring data deliverable. After the data management team validates the data, it will be loaded into the CV RDC database replica.

On December 1, 2015, Central Valley Water Board staff received the Sacramento Valley Coalition data deliverable covering the monitoring period April through June 2015. After the data management team validates the data, it will be loaded into the CV RDC database replica.

Central Valley Water Board staff loaded the Grasslands Bypass Project electronic field data deliverable covering the monitoring period January through July 2015 into the CV RDC replica database. Central Valley Water Board staff has been experiencing delays with transmittal of the data to CEDEN because the contract with the CV RDC has expired.

#### **Grassland Bypass Project**

On August 31, 2015, the U.S. Bureau of Reclamation submitted the draft Quality Assurance Project Plan for the Compliance Monitoring Program for the operation of the Grassland Bypass Project for Central Valley Water Board staff review. As required by the Order, the draft Plan specifies the sampling and analytical procedures that must be followed by Grassland dischargers. However, some omissions were noted by Central Valley Water Board staff, and a revised draft will be submitted.

On December 18, 2015, the Grassland Bypass Project submitted the final Update of Long Term Drainage Management Plan required under Waste Discharge Requirements Order 5-01-234. Future drainage management updates will be submitted in accordance with Waste Discharge Requirements Order R5-2015-0094, adopted on July 31, 2015.

On January 4, 2016, the U.S. Bureau of Reclamation submitted the draft Grassland Bypass Project

Sediment Monitoring Plan for Central Valley Water Board staff review. As required by the Waste Discharge Requirements Order R5-2015-0094, the draft Plan provides details of the monitoring program for sediment for the Grassland Bypass Project. The draft Plan is currently under Central Valley Water Board staff review.

### **Rice Pesticides Program**

On December 17, 2015, the California Rice Commission submitted the draft technical memorandum for the Rice Pesticides Program: 2015 Thiobencarb Performance Goal Exceedances. Monitoring for thiobencarb started the last week of April and ended on 1 July 2015. Exceedances of the thiobencarb performance goal were observed in two Colusa Basin Drain sites; there were no thiobencarb detections at the water intakes for the Cities of West Sacramento and Sacramento. The California Rice Commission initiated additional monitoring upstream of a Colusa Basin Drain site that is not required by the Rice Pesticides Program to better characterize the drainage. The draft memorandum is currently under staff review.