



***MINUTES OF THE BOARD OF DIRECTORS***

*Date: Thursday, March 1, 2018*  
*Time: 1:00 P.M.*  
*Location: Kern County Water Agency, 3200 Rio Mirada Dr., Bakersfield, Ca 93308*  
*661-589-6045*

**DIRECTORS AND ALTERNATES PRESENT**

Dennis Johnston, Arvin-Edison WSD  
Max Bricker and Charles Riddle, Henry Miller WD  
Don Collins and Mark Mulkay, Kern Delta WD  
Skye Grass, Kern-Tulare WD  
Eric Averett, Rosedale-Rio Bravo WSD  
Jason Gianquinto, Semitropic WSD  
Roger Riley and Dana Munn, Shafter-Wasco ID  
Michael Blaine and Robert Kunde, Wheeler Ridge-Maricopa WSD

**DIRECTORS AND ALTERNATES ABSENT**

Jeevan Muhar and David Nixon, Arvin-Edison WSD  
Pete Kaiser, Kern Delta WD  
Steve Dalke, Kern-Tulare WD  
Kimberly Brown and Dick Diamond, North Kern WSD  
Jeff Siemens and Jim Nickel, Olcese WD  
Dan Bartel and Zach Smith, Rosedale-Rio Bravo WSD  
Rick Wegis, Semitropic WSD

**ASSOCIATE MEMBERS PRESENT**

Tim Ashlock, Buena Vista Coalition  
Dave Hampton, Cawelo Water District

**ASSOCIATE MEMBERS ABSENT**

Greg Hammett, Westside Water Quality Coalition

**OTHERS PRESENT**

Nicole Bell, KRWCA Manager  
John Schaap, Provost & Pritchard  
Ryan Dodd, Provost & Pritchard  
Ernest Conant, Young Wooldridge, LLP  
George Cappello, Grimmway  
Molly Saso, Wonderful  
Roy Pierucci, Rosedale-Rio Bravo WSD

**1. CALL TO ORDER**

Chairman Eric Averett called the meeting to order at 1:00 P.M.

**2. ANNOUNCEMENT OF QUORUM**

Chairman Averett announced a quorum.



**3. INTRODUCTIONS**

None

**4. PUBLIC COMMENT**

None

**5. APPROVAL OF MINUTES**

Director Dennis Johnston moved to approve the regular Board Meeting Minutes of January 4, 2018 and Special Board Meeting Minutes of February 23, 2018. Upon second by Director Michael Blaine, a vote was taken with no abstentions and was unanimously carried.

**6. TREASURERS REPORT**

a. Director Robert Kunde reviewed the accounts payable with the Authority Board. A motion was made by Director Dennis Johnston to pay the open accounts, in the amount of \$544,127.94 and ratify payments made in the amount of \$116,554.40. Upon a second by Director Skye Grass, a vote was taken with no abstentions and was unanimously carried.

**7. KRWCA MANAGER REPORT/ILRP PROGRAM UPDATE**

Manager Bell reported on the following topics:

a. Administrative:

- i. Form 700 Deadline is April 2, 2018
- ii. 2018 Membership Enrollment Update:
  1. 754 Members
  2. 523,000 Irrigated Acres Enrolled
  3. 616,000, APN Acres included
- iii. 2018 Reporting Status:
  1. FEs: 656 Required, 92% filed (601), 8% Not filed (55)
  2. NMPs: 607 Required, 85% filed (517), .08 Not Started (57), .05% Incomplete (33).

b. Education and Outreach:

- i. Four Reporting Deadline Reminder Emails sent to members as well as reminder letters and personal phone calls.

c. CVRWQCB:

- i. Compliance and Enforcement Activities: There is some activity with calls, emails and walk-ins, but not as much as in December. Due to the March 1 deadline non-members have been told that we are focused on assisting members with a reporting deadline and will be happy to assist them after March 1.
  1. Notice of Violation (NOV) Second Letters mailed to:
    - a. Members who did not file 2016 FE and NMP Reports
    - b. Owners of Ag parcels that are not enrolled in ILRP
    - c. Cancelled Memberships that the parcels are farmed
    - d. Enforcement Hearing April 5-6, Fresno



- d. State Water Board:
  - i. 3rd Draft East San Joaquin GO rewrite, released 1/19/2018,
    - 1. SWB Approval Hearing February 7, 2018
  - ii. Office of Enforcement Actions: Nothing new to report.

8. **KRWCA ORGANIZATIONAL STRUCTURE CONSIDERATION**

After each Director provided input from their respective Boards it was determined that no change to the KRWCA entity type or structure is needed at this time. Further discussion determined that amending section 3.01 Governing Body, section 3.02 Officers and section 3.03 Committees of the JPA Agreement would be appropriate. Manager Bell will provide the JPA Agreement to the Board for review and any further suggested edits. Ernest Conant and Manager Bell will revise the JPA Agreement and provide suggested amendments for Board consideration at the next meeting.

9. **REPORT OF PROVOST & PRITCHARD CONSULTING GROUP**

a. MPEP Update

Mr. Ryan Dodd reported of the following:

- i. Approval of Geisseler N Removal Coefficients
  - 1. Twelve Central Valley water quality coalitions (including Kern County coalitions) contracted with Dr. Daniel Geisseler at UC Davis to develop comprehensive information on N removal as a requirement of the NMP TAWG process.
  - 2. On January 13, 2017, Dr. Geisseler submitted a report/literature review titled: "N concentrations in harvested plant parts – A literature overview"
  - 3. This report contains the "best available" N removed estimates in the peer reviewed and published literature for close to 99% of crop acreage in the Central Valley (show comparison table).
  - 4. KRWCA did not use Geisseler's numbers in the 2016 AMR or NAR because we were working on those reports soon after publication of Geisseler's report and were unsure if the report was approved. However, all other coalitions outside of Kern County did use Geisseler's numbers and will continue to do so, and we stated that we will use the numbers for the 2017 AMR in the 2016 AMR.
  - 5. Although Geisseler's numbers are close to the best available, and the SSJV MPEP Committee already has projects in the works to improve the numbers, which will be an iterative and ongoing process.
  - 6. Mr. Dodd requested formal approval to use Geisseler's numbers, however the Board requested that he first provide the full Geisseler Report one more time for their review prior to making a decision. It was agreed that the item will be included on the April Board agenda for official approval.



- ii. MPEP Workplan
    - 1. The SSJV MPEP Committee submitted a revised MPEP work plan on September 28, 2017. No comments or approval have been received yet.
    - 2. The Northern MPEP group submitted their revised work plan on February 15, 2018, and it open for public review. Comments are due to the Regional Board by March 29, 2018.
  - iii. North and South MPEP Groups Coordination
    - 1. Representatives from the SSJV MPEP Committee have begun attending the Northern MPEP meetings.
  - iv. MPEP Status
    - 1. Currently diligently working on completing the first SWAT model run for the Central Valley. Much of this work is funded by the CIG.
    - 2. Establishing contracts for new projects, including updating N removal information and other irrigation and nutrient management projects.
    - 3. Developed three "Priority Practices" fliers: 1) Abandoned wells, 2) wellhead protection, and 3) N in irrigation water calculator.
  - v. UCCE NMP Management Field Day
    - 1. UCCE and the Almond Board of California are hosting a grower/adviser nutrient management field day on March 21, 2018 in Kern County. It is part of the Almond Board and UC Davis (Patrick Brown) FREP project about nutrient management in almonds. This will hopefully be an option for growers to get CEUs for their ILRP NMP grower self-certification.
- b. GW Trend Monitoring:  
Velvet Gaston reported on the following:
- i. Central Valley Groundwater Monitoring Collaborative (CVGMC) Update: Coalitions initiated coordination meetings in response to the Regional Board amendment allowing group workplans, included additional stakeholders (oil & gas, food processors)
    - 1. CVGMC Conceptual Workplan: Phase I: ILRP Technical Work Plan to be completed 180 days after CVGMC Conceptual Workplan approval, Phase II: Coordination Among Existing Groundwater Monitoring Programs, Phase III: Groundwater Monitoring Program coordination with SGMA Groundwater Sustainability Plans (GSPs) and the CV SALTS Surveillance and Monitoring Program under the SNMP
  - ii. CVGMC/GTM Timeline
    - 1. May 5<sup>th</sup>, 2017 – Regional Board approved the option to participate in Regional Groundwater Monitoring Workplans
    - 2. July 1<sup>st</sup>, 2017 – KRWCA GTM Workplan Submitted to Regional Board
    - 3. October 31<sup>st</sup>, 2017 – Central Valley Groundwater Monitoring Collaborative (CVGMC) MOA and Conceptual Workplan Submitted with 11 other Coalitions to the Regional Board



4. November 17<sup>th</sup>, 2017 – CVGMC Conceptual Workplan Approved by the Regional Board
  5. January 25<sup>th</sup>, 2018 – KRWCA GTM Comments Received from the Regional Board
  6. May 16<sup>th</sup>, 2018 – CVGMC Technical Workplan Due to the Regional Board
  7. Fall 2018 – Initial Groundwater Sampling & Monitoring
- iii. CVGMC Technical Workplan
1. Lead Author: Luhdorff & Scalmanini Consulting Engineers  
Subconsultant: Provost & Pritchard, MLJ-LLC  
KRWCA Budget allocation: ~14.2%, final contract amount not set
  2. Technical Workplan Components due May 16<sup>th</sup>, 2018  
Monitoring Networks: coalition specific monitoring methodology and well networks, including candidate well selections. Each Coalition is responsible for reviewing & vetting candidate wells.  
Quality Assurance Program Plan (QAPP): defined analytical methods, sampling schedules, data management and standard operating procedures (SOPs)  
Data Management: coordinated data management and processing  
Reporting: develop report format and analytical framework for annual monitoring reports
- iv. Well Selection
1. KRWCA GTM Proposed Network: 0-3 wells per Township, 107 total wells to monitor
  2. Well Construction Information: Well is domestic, shallow agriculture, or monitoring well (no point source), Well depth is shallow relative to local groundwater depth (sometimes >600 ft), Well has a sanitary seal at least 20 feet deep, made of cement, concrete, or bentonite
  3. Well Location Information: Well is at least 100 feet from any septic leaching field or 150 feet from a seepage pit, Well is not adjacent to any point source dischargers (industrial, food processors, WWTPs, dairies, etc.), Well is accessible with a working pump and/or a small enough casing for sampling (rules out many elevation monitoring wells)
  4. Initial Progress: 32 of 44 Townships have been evaluated, 116 Candidate wells found from initial data review, some townships will require additional research to find sufficient candidates
  5. Volunteer Well Data: Solicit owners & districts to volunteer wells for monitoring that fit the selection criteria
  6. Next Steps: May 2016: Request permission to conduct site visits and sampling of candidate wells, Fall 2018: Complete on-site review & survey of all candidate wells. Fall 2018: First sampling event of final, vetted wells



7. Caveats: Well details will only be provided to the Regional Board with owner permission, NOT all candidate wells will be vetted on site or surveyed by May 16, but we will try our best, There will be an option to eliminate duplicative monitoring within the Coalition and with adjacent monitoring efforts, will seek to delay/phase deep groundwater monitoring.
  8. Technical Workplan Progress
    - a. March 1, 2018 – Draft GTM Well Networks due to CVGMC
    - b. April 13, 2018 – Revised Coalition GTM Workplans due to CVGMC (Regional Board Comments Response)
    - c. For Approval at the April KRWCA Board Meeting
    - d. April 23, 2018 – Draft CVGMC Technical Workplan (90%)
    - e. For Approval at the May KRWCA Board Meeting
    - f. May 7, 2018 – Final Coalition GTM Workplans due to CVGMC
    - g. May 16, 2018 – Final CVGMC Technical Workplan submitted to Regional Board
    - h. Fall 2018 – Final Vetted Well Networks established
  - c. SDEAR Proximity Workplan Status Update  
John Schaap provided an update.
  - d. Pesticide Monitoring Proposal – Manager Bell reported that the official approved was received January 12, 2018.
  - e. Chanac Creek SQMP Resubmission - Information Item  
Velvet Gaston reported the following:
    - i. The KRWCA submitted a revised SQMP and Source ID Study to the Regional Board on November 1, 2016. This SQMP includes DDE, Mo, and algae toxicity. On December 7, 2017, the Regional Board responded with a comment letter that basically stated that the SQMP provided insufficient details and data. A revised SQMP was due by February 9, 2018, but the KRWCA requested an extension to April 6, 2018.
    - ii. Staff met with the RB on February 4, and with the stakeholders on February 22, 2018 to review the RB comments and to develop a plan for the revisions. Ultimately, our strategy for the April 6 resubmittal is to clarify and strengthen parts of the report, and propose a plan for follow-up, including more details on completed SECPs, a description of some of the shifts in management practices, etc.
    - iii. We will seek approval for submission at the April 5, 2018 board meeting.
10. **CV-SALTS** <http://www.cvsalinity.org>  
Manager Bell and Land IQ represent KRWCA at the Monthly CV-SALTS Meetings. Links to the Meeting Packages and Summary Report are provided within. Manager Bell informed the Board that she has been appointed to the CV-SALTS Executive Committee representing the SSJVWQC in addition to the seat she hold as the Public Education and Outreach Committee (PEOC) Chairman.
- a. [CV-SALTS Meeting Package, January 11, 2018](#)
  - b. [Land IQ Summary Report, January 11, 2018](#)



- c. [Land IQ Summary of Regional Board Workshop, January 19, 2018](#)
- d. [CV-SALTS Meeting Package, February 15, 2018](#)
- e. [Land IQ Summary Report, February 15, 2018](#)
- f. [CV-SALTS Brochure](#)
- g. [CV-SALTS Brochure: New Water Quality Regulations Provide Options for Flexibility](#)

**11. OLD OR NEW BUSINESS**

None

**12. ATTORNEYS REPORT**

None

**13. CLOSED SESSION**

None

**14. KRWCA MEETING ATTENDANCE HIGHLIGHTS**

- a. 1/9, Grower Outreach Meeting, Bakersfield
- b. 1/10, ILRP Stakeholder Meeting, Merced
- c. 1/11, CV-SALTS, Sacramento
- d. 1/11, CVGMC Meeting with Regional Board, Sacramento
- e. 1/11, Grower Outreach Meeting, Wasco
- f. 1/16, Grower Outreach Meeting, Buttonwillow
- g. 1/17, Grower Outreach Meeting, Bakersfield
- h. 1/19, CV-SALTS Workshop, Rancho Cordova
- i. 1/23, CVGMC Call
- j. 1/31, CV-SALTS PEOC
- k. 2/1, SWB Fees Meeting
- l. 2/2, Meeting with Regional Board on Chanac Creek SQMP, Fresno
- m. 2/6, SSJVWQC/MPEP Meeting
- n. 2/7, SWB Hearing on ESJ GO Revisions 3, Sacramento
- o. 2/8, SWB Fees Stakeholder Meeting, Sacramento
- p. 2/15, CV-SALTS, Sacramento
- q. 2/16, CVGMC Meeting with Regional Board, Sacramento
- r. 2/22, Chanac Creek Stakeholder Meeting, Bakersfield
- s. 2/23, KRWCA Special Board Meeting
- t. 2/26, CV-SALTS PEOC
- u. 2/28, CVGMC Call

**15. ADJOURN**

There being no further business to come before the Board, the meeting adjourned at 2:55 P.M.