

**MINUTES FOR THE MARCH 13, 2018  
REGULAR MEETING OF THE SSJID BOARD OF DIRECTORS**

The Board of Directors of the South San Joaquin Irrigation District met in regular session in their chambers at 9:00 a.m. President Kuil called the meeting to order and Director Holbrook led the flag salute. Upon roll-call the following members were noted present:

DIRECTORS: HOLBROOK HOLMES KAMPER KUIL  
ABSENT: ROOS

Also present were General Manager, Peter M. Rietkerk; General Counsel, Mia S. Brown; Engineering Department Manager, Forrest Killingsworth; and Clerk of the Board, Betty Garcia.

**Public Comment** - None

**CONSENT CALENDAR**

- A. Approval of Warrants in the amount of \$322,500.81; Accounts Payable Wires in the amount of \$186,914.40; and Payroll dated March 2, 2018 in the amount of \$203,614.54.
- B. Approval of the Regular Board Meeting Minutes of February 27, 2018.

Director Holbrook noted on page 2 of the minutes, under Action item #1, Director Holbrook stated that he would attend the ACWA Spring Conference, should be changed to read that he would not attend.

A motion was made by Director Holmes and seconded by Director Holbrook to approve the Consent Calendar with corrections to the minutes as stated above. The motion passed 4 to 0 by the following roll-call vote:

AYES: HOLBROOK HOLMES KAMPER KUIL  
NOES: NONE  
ABSTAIN: NONE  
ABSENT: ROOS

**ACTION CALENDAR**

**Item #1 – Presentation regarding proposed Water Master Plan for South San Joaquin Irrigation District**

Mr. Forrest Killingsworth, Engineering Department Manager, explained that the proposed Water Master Plan had been presented to the Agricultural Water Committee for their feedback. Mr. Killingsworth said the Water Master Plan is a large scale planning effort that considers the District's water supplies, water demands, financial resources, infrastructure, modernization and service needs, and current and proposed regulations in order to develop District projects, policies, and priorities for the next 20 years. He said the Water Master Plan will be developed to strategize, and find implementable solutions that cover a variety of water related focal points for the District. The plan will need to focus on protecting and optimizing the management and utilization of the District's surface and groundwater resources in a sustainable manner, while

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adapting to the customers' evolving demands. The plan will provide a framework for future development that considers infrastructure needs, modernization concepts, water supply, forecasted water demand, conservation methods, maintenance efforts, financial feasibility, and regulatory requirements. He said the District faces several issues and threats, which will be documented in this plan. Issues include subjects such as "the inconsistent nature of hydrology and its impact on water supply." Other issues may include "a limited ability to pay for infrastructure rehabilitation and modernization" and "uncertainty related to water transfers." There will be a need to hire a Water Master Plan Consultant who will be the primary team member responsible for organizing and documenting the District's objectives and issues. Mr. Peter Rietkerk, General Manager, stated that other recommended team members include Cal Poly ITRC, and a Stanislaus River Basin Plan Consultant, who will be working with both Oakdale Irrigation District and SSJID in review of surface water supplies and basin-scale regulatory concerns. He said the next step would be to put out a Request for Proposals (RFP) for the Water Master Plan Consultant.

Director Kuil expressed concerns that hydrology cannot be predicted and the amount of water we get each year is unsure. Director Holbrook agreed and said that plans for water should be made according to the amount of water that the District receives each year. He suggests that plans for infrastructure be short term so that we do not install new facilities that will soon be replaced in the District's modernization efforts. He would like to see staff get the farmers' input based on their water needs. Director Holmes agrees that modeling is a necessity. He said the more information we have the better off we are. He stated with more knowledge comes better planning efforts.

This item was for information only and no action was taken.

**Item #2 – Presentation from Cal Poly Irrigation Training and Research Center (ITRC) regarding Division 9 Analysis and proposed Modernization Plan component of the Water Master Plan**

Dr. Charles Burt and Mr. Kyle Feist with Irrigation Training and Research Center (ITRC) addressed the Board. Dr. Burt stated that the District's Division 9 project was very successful and his plan would be to use much of the baseline data from that project. In the Fall 2017, SSJID engaged Cal Poly ITRC to perform a third party review of its Division 9 Pressurization Project which was funded by the California Department of Water Resources. He said that replicating of the Division 9 project without some changes would likely prove too expensive and that other concepts for pressurizing deliveries such as piping all the way to Woodward would also be too expensive. He also noted that currently the Division 9 project is not yet operating at 100% capacity.

Dr. Burt explained if SSJID chooses to replicate the Division 9 Project elsewhere in the District, it is possible to reduce the cost of a Division 9 replica while providing similar benefits to SSJID and farmers. The estimated cost to replicate the Division 9 Project can be reduced about 25% primarily by implementing the following major modifications:

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- a) A reservoir located in the center of the pressurized service area
- b) A branched (as opposed to looped) pipe network
- c) Elimination of automated farm turnout valves and soil moisture sensors
- d) Different turnout and reservoir manifold hardware
- e) Modification or elimination of some reservoir infrastructure
- f) Elimination of the reservoir production well

*The Board took a break at 10:28 a.m. and reconvened at 10:42 a.m.*

Dr. Charles Burt then proceeded to provide a presentation regarding next steps for further analysis on the Division 9 pressurization concept and assessment of district-wide service improvements through development of an SSJID Water Delivery Infrastructure Modernization Plan (Modernization Plan). Dr. Burt said this Modernization Plan would consider work that was not part of the division 9 study and would answer fundamental questions for a Master Water Plan. Some items will require additional data from SSJID, while others must be determined via meetings and interviews with farmers and SSJID staff and board members. Those items are:

- a) Pumping costs and economic pipe sizing;
- b) Actual pressures delivered at farm turnouts;
- c) A better understanding of groundwater use habits during and outside of the regular irrigation season;
- d) Existing configurations of well/booster pumps and on-farm irrigation systems.
- e) A performance evaluation for the automation of the main canal
- f) A better understanding of the control and scheduling of deliveries out of Woodward Reservoir

This item was for information only and no action was taken.

**Item #3 – Consider the following actions to support the SSJID Water Master Plan**

Based on the discussion in items #1 and #2, a motion was made by Director Holmes and seconded by Director Holbrook to:

- a) Authorize staff to enter into agreement with Cal Poly ITRC to prepare an SSJID Modernization Plan.
- b) Approve form and release of a Request for Proposal for Consulting Engineering Services to support the development of a Water Master Plan.

The motion passed 4 to 0 by the following vote:

AYES:	HOLBROOK HOLMES KAMPER KUIL
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	ROOS

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**Item #5 – Communications**

Director Holbrook:

- He attended the SJFB Water Committee meeting on February 27 and the discussion was on the Land Stewardship Institute program which fosters an ethic of stewardship for farmland, promotion of sustainable agriculture and developing healthy communities.
- Attended the Every 15 Minutes Fundraiser is supported by the Manteca Police and Fire Department and SSJID was recognized
- He also attended the State of the City in Manteca and SSJID was recognized for 109 years of service; it was also noted that the East Union Memorial Cemetery Association is one of the oldest organizations in the City and is in need of help with their drainage issues.
- He appreciated the hard work for those who participated on the Employee Appreciation Dinner.
- Tri Dam meeting is on Thursday, March 15 in Oakdale.

Director Kuil:

- He advised the Directors to submit their Form 700 to Robin Giuntoli by March 30.
- Attended the TuCAre Annual Dinner & Auction on March 10 in Sonora. It was the Founders' Celebration 1988-2018 and was well attended.

Ed Erisman, Water Treatment Plant Manager:

- A vent pipe was hit on Dodds Road and 26 Mile Road on Saturday morning. There does not appear to be any damage but staff did not enter the vault over the weekend. Staff will use the crane on the service truck to pull the lids and inspect the vault area for leaks.
- WTP staff are working on repairing the damaged tracking motors at the solar farm. The thin film array was repaired last week. The micro-crystalline array is still down and awaiting parts.
- An offer was made to a candidate for the vacant Mechanic II position. This individual is a Journeyman Mechanic with over 15 years as an Industrial Mechanic at a local jar manufacturing plant and is currently working for a local utility as a pump mechanic.

Troylene Saylor, Public Relations Director:

- Spring Newsletter was mailed.
- Engineering staff were pictured on one of our billboards on Highway 120 as part of our advertising campaign efforts. Julie Jeleti was pictured on another billboard at Highway 99 at Ripon. Lloyd Wayman was pictured on another billboard at I-205.
- A new advertisement was posted on Facebook and it received 79 likes; 118 shares; 10,878 people saw the post.

Frank Avila, Irrigation Operations Manager:

Water Department

- Division Managers are currently providing training and getting the Divisions in working order.

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- The amount of rain received will determine the amount of water that will be running the next few weeks.
- Frank plans to start riding with the Division Managers to spend one-on-one time with them.

Maintenance Department

- All major projects are complete.
- The Maintenance Department continues to work on small repairs that the Division Managers are reporting, and a couple of employees are doing training in the Water Department.
- Staff removed a valve and replaced it with a vent pipe on the RF-line for Kent Van Groningen on Southland Rd.
- Staff has been keeping the drains clean, making sure they are ready for rain events.

Shop Report

- James Ferguson is back from his vacation and staff are busy performing maintenance to the District's vehicles as necessary.
- Staff is continuing to work on the new shop inventory program and James reports being satisfied with the way things are performing with the system.

MDC / Telemetry

- Staff is working on the new level meter at Woodward.
- Testing is going well on the software programming of the On-Farm webpage.
- Staff is currently performing maintenance on the On-Farm, OFM's meters.
- PG&E had power problems at the location of Drop #5 that caused a problem at Drop #5 and the K-Line. Staff is keeping records of the costs, and will submit to PG&E for reimbursement.
- Staff is working on the Well #44 power problem.
- Frank Avila is still the contact person for the Division #9 System and has received a few calls for water; the farmers are checking their systems with short run times.
- Frank Avila received an invitation for the open house at the Gannett Fleming Company, which has a new office. Gannett Fleming is providing SCADA and communications systems for the new Caltrain Modernization Program, converting Caltrain's services from diesel to electric.

Forrest Killingsworth, Engineering Department Manager:

Developments

- Atherton Road Extension between Union and Airport; This was a project that has already been approved by the SSJID Board in 2013, but was suspended due to a lack of funding at the City. A new commercial developer is interested in an area that would require the road extension to be built. As a result, the City is eager to move this project forward. Mr. Killingsworth met with Ron Cheek, the project engineer, to discuss the City moving this

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project forward, and will update the Board as he receives more information on the project's status.

- Villa Ticino West – This is another residential subdivision project that has been in the planning phases for several years and would involve SSJID lateral Za, the FCOC, and Drain 5. Mr. Killingsworth advised that the District needs to be careful about subdivisions developing along the FCOC, which is a District facility that could be prone to flooding. The FCOC Master Plan Study would ultimately help guide construction considerations but it is likely that the project will be developed prior to the Master Plan being in place. Mr. Killingsworth said he needs to spend some time evaluating this project to be certain the District's liability is minimized. The Engineering Department has received plans from the project Engineer, MCR Engineering, and are in the plan check phase now.

FCOC Master Plan

- Mr. Killingsworth notified Greg Showerman, the City's project coordinator for this project, of the Board action taken at the last Board meeting in February. Mr. Killingsworth has not discussed details of the contribution split yet, but Mr. Showerman was made aware that SSJID would be making a suggestion soon. The City is planning to take this item to the City Council meeting on April 3.

Staffing

- Mr. Killingsworth will be interviewing three candidates for the Associate Civil Engineer position tomorrow.

Peter Rietkerk, General Manager:

Mr. Rietkerk presented the following information for a water supply update:

Water Supply Update

- Precipitation
  - San Joaquin River 5 Station Index is measuring approximately 15.3 inches (+5.5 inches from last Board meeting) or 52-percent (+15% from last Board meeting) of average precipitation to date for the 2017-2018 water season.
  - Northern Sierra 8-Station Index indicates approximately 24.4 inches (+4.4 inches) or 63-percent (+6%) of average precipitation to date for the 2017-2018 water season.
- Snowpack
  - Northern California Sierra snow sensors are measuring approximately 31-percent of April 1 average and 32-percent of normal to-date
  - Central California Sierra snow sensors are measuring approximately 39-percent of April 1 average and 41-percent of normal to-date
  - Southern California Sierra snow sensors are measuring approximately 34-percent of April 1 Average and 36-percent of normal to-date

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- Reservoir Storage
  - New Melones storage is currently at 1,911,597 AF, or 79-percent of capacity.

Mr. Rietkerk also summarized his experiences from a recent trip to Washington, D.C. Mr. Rietkerk explained that OID, SSJID, and other regional water agencies visited with staff from the Department of the Interior, and locally elected representatives on topics including the Stanislaus River Native Fish Plan, concepts to maximize storage within New Melones, and water transfer actions that satisfy both environmental, agricultural, and urban beneficial uses.

**Item #6 – Closed Session**

Director Kuil announced that all items listed in Closed Session would be discussed and the Board adjourned to Closed Session at 11:53 a.m.

12. a. Conference with Legal Counsel – Anticipated Litigation  
Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Section 54956.9
  - 2 cases
- b. Conference with Legal Counsel – Anticipated Litigation  
Significant exposure to litigation pursuant to paragraph (2) of Subdivision (d) of Section 54956.9
  - Phase 1 hearings on San Joaquin River/Delta Water Quality Control Plan before State Water Resources Control Board
  - 1 case
- c. Conference with Legal Counsel – Existing Litigation  
Paragraph (1) of subdivision (d) of Government Code Section 54956.9
  - 3 cases

SSJID vs. PG&E  
Appeal from Judgment of Dismissal Pending;  
In the Court of Appeal for the State of California, Third Appellate District  
Case No. C086319  
Superior Court for San Joaquin County  
Case No. STK-CV-UED-2016-0006638

PG&E vs. San Joaquin LAFCo; SSJID, Real Party in Interest  
In the Court of Appeal for the State of California, Third Appellate District  
Case No. C086008  
Superior Court for San Joaquin County  
Case No. STK-CV-UJR-2015-0001266

SSJID vs. Lakeview Ranch Partners

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Superior Court for Stanislaus County  
Case No. 2028441

- d. Conference with Real Property Negotiator  
Property: Water  
Agency Negotiator; General Manager  
Negotiating Parties: SSJID, OID, San Luis & Delta Mendota Water Authority; and  
Department of Water Resources

Returned from Closed Session at 12:21 p.m. Disclosure of reportable actions taken in Closed Session, pursuant to Government Code Section 54957.1:

There were no reportable actions taken in Closed Session. Coming out of Closed Session, action was taken on the following item.

**Item #4 – Discussion and/or Action regarding an “Agreement to Purchase Release of Water by and among the Oakdale Irrigation District, the South San Joaquin Irrigation District, the San Luis & Delta Mendota Water Authority, and the California Department of Water Resources**

A motion was made by Director Holbrook and seconded by Director Holmes to approve proposed agreement between South San Joaquin Irrigation District, Oakdale Irrigation District, San Luis & Delta Mendota Water Authority, and Department of Water Resources for South San Joaquin and Oakdale Irrigation Districts to jointly make up to 100,000 acre-feet of water available to the United States Bureau of Reclamation during April-May 2018 at \$200 per acre-foot. The agreement is approved in the form presented to the Board, with authorization given to staff to make non-substantive changes if necessary. The motion passed 4 to 0 by the following vote:

AYES:	HOLBROOK HOLMES KAMPER KUIL
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	ROOS

**Item #7 – ADJOURNMENT**

There being no further business to discuss, a motion was made by Director Holbrook and seconded by Director Holmes to adjourn the meeting at 12:25 p.m.



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The motion passed 4 to 0 by the following vote:

AYES:	HOLBROOK HOLMES KAMPER KUIL
NOES:	NONE
ABSTAIN:	NONE
ABSENT:	ROOS

**ATTEST:** \_\_\_\_\_  
Betty L. Garcia, Clerk of the Board