

Manteca, California
January 26, 2016

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

DIRECTORS: HOLBROOK HOLMES KAMPER KUIL ROOS
ABSENT: NONE

Also present were General Manager Peter M. Rietkerk, General Counsel Steve Emrick, Engineering Department Manager Sam Bologna, and Executive Secretary Betty Garcia.

Public Comment - None

CONSENT CALENDAR

- A. Approval of Warrants in the amount of \$824,923.53; A/P wires in the amount of \$267,483.82; payroll dated January 22, 2016 in the amount of \$236,334.87.
- B. Approval of the regular board meeting minutes of January 12, 2016.
- C. Approval of amendment of developers agreement for Evans Estates to allow for a quitclaim of a portion of Lateral "X".

A motion was made by Director Holbrook and seconded by Director Kuil to amend the recommendation on item #C to "Authorize signature of an amended developer's agreement to be prepared by Steve Emrick, and to authorize the Board President and General Manager to sign the Quitclaim deed and to accept the remaining items on the Consent Calendar as submitted. The motion passed 4 to 1 by the following roll call vote:

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

ACTION CALENDAR

Item #1 – Consider conditional approval of a cost share agreement with Frank Bavaro for the installation of a float device on Lateral "H".

Mr. Sam Bologna, Engineering Department manager stated that Mr. Bavaro has expressed an interest in installing a float valve on Lateral "Hc" to prevent the constant spill of water to the Hall Drain. Mr. Forrest Killingsworth explained that the float valves utilize a series of mechanical linkages, a foam float, and a butterfly valve to control the flow of water in an effort to match the customer's downstream demand. He said without a float valve the ditch tender or

grower is responsible for constantly adjusting the valve manually to regulate the flow. He believes that installation of a float valve in this location could be useful and result in a way to conserve water that would otherwise flow to the drain. Mr. Bavaro offered to participate in the cost of the project as a joint venture since there seems to be benefit to himself and the District. As a result, District staff negotiated the following arrangement:

SSJID will:

- Design project
- Build project
- Maintain and own facility
- Operate facility
- Prepare agreement
- Provide all materials for project

Bavaro will:

- Provide a one-time payment to the District, prior to starting project, in the amount of \$12,000. Payment from Bavaro is intended to cover the cost of materials required to construct project including items such as concrete, rebar, forms, piping, 12” butterfly valve, 16” butterfly valve, float valve frame, and other miscellaneous material. An estimated amount for the materials is approximately \$11,918.
- Participate in communication with neighboring properties related to SSJID construction activities not on Bavaro property.
- Acquire acknowledgement and general acceptance from said neighbors to support the project.

A motion was made by Director Kamper and seconded by Director Holbrook to authorize staff to enter into an agreement prepared by the District to construct a float valve facility at the Lateral H/Hc junction at River Road. The motion passed 5 to 0 by the following vote:

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

Item #2 – Consider approval of amendment to Irrigation Service Abandonment agreement for Henry Van DePol, APN 245-110-09

Mr. Bologna indicated this was a standard agreement other than the trees that will need to be pulled out. Specific conditions for approval that staff recommends are outlined as follows:

- a) Lateral “Ob” is capable of delivering flood water to the Subject Property through a private pipeline that includes existing valve structures. If Owner desires to receive flood water, Owner shall be responsible for verifying that the valves are in operable condition. Owner shall be responsible for any improvements necessary to private pipeline and valve structures that will be needed to facilitate the successful delivery of water.

- b) Sprinkler water can be made available to Owner's existing sump through SSJID Lateral "Ob" that irrigates the adjacent property. The Owner is required to update the existing sump facility to conform to current standards as a condition to receiving water. Improvements include, but are not limited to, installation of a mag meter. Owner shall be required to obtain a structure permit from District prior to receiving District water.
- c) Owner agrees to make all modification necessary to enable use of the existing private pipeline at his own expense and to allow reasonable access to private property by District personnel to determine if all conditions specified in the amended service agreement are satisfied.
- d) Owner is required to remove all trees within 15' of the centerline of SSJID's pipeline prior to receiving District water.
- e) If the Subject Property is irrigated by flood, water use will be measured based on a time vs. flow calculation as determined by the District. The District shall reserve the right to require flow meter/meters, meeting the District Specifications, to be installed at the Owner's expense to accurately measure the delivered water to each parcel comprising the Subject Property. The District will notify the Owner when the District requires the Owner to install the meter/meters. The Owner will be required to install the meter/meters according to the District's specifications within the time frame given in the notice, which shall not be less than 30 days. The District may deny water to Owner until the Owner installs the meter/meters.
- f) If the Subject Property is irrigated by sprinkler, a meter per District Specifications will be required on the pumping system to keep a running total of water delivered. The total water delivered will be calculated based on before and after meter readings. If multiple parcels are serviced by one meter, the District shall determine the amount of water delivered to the Subject Property based on the proportional percentage of irrigated acreage, until such time as District requires a meter to be installed to measure water deliveries to each separate parcel comprising the Subject Property as described above.
- g) Owner is responsible for all costs related to providing service to the Subject Property, including standard water charges and back fees consistent with District policy.
- h) Conditions stated above shall be incorporated into the amended agreement.

A motion was made by Director Kamper and seconded by Director Kuil to accept the agreement to amend Irrigation Service Abandonment agreement subject to the above stated recommendations and a revision to the standard agreement that further reflects those conditions. Approval shall be subject to the terms and conditions specified in the revised policy entitled "Policy for Rescinding Irrigation Service Abandonment".

By action dated January 13, 2015 which amended the Policy for Rescinding Irrigation Service Abandonment, Owner is not subject to a one year waiting period for the subject property to receive District water.

The motion passed 5 to 0 by the following vote:

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

Item #3 – Consider conditional approval of an amendment to the existing Consent to Common Use agreement with San Joaquin County regarding a portion of property belonging to the District on the MDC near River Road and Henry Road

Mr. Bologna stated that San Joaquin County is in the process of finalizing their plans for improvements to River Road and is addressing an issue regarding the turning radius needed at the intersection of River Road and Henry Road. The County has provided a copy of the existing agreement and would like to get permission to expand their use to include a portion of District property. The County will be responsible for maintaining the area since it will be part of the roadway.

A motion was made by Director Holbrook and seconded by Director Holmes to authorize signature of an amended Consent to Common Use Agreement with San Joaquin County regarding improvements on River Road and Henry Road utilizing a portion of the MDC property, subject to edits to the agreement that are acceptable by Steve Emrick; and to authorize staff to sign the plans when they have been satisfactorily completed, reviewed and accepted by Sam Bologna. The motion passed 5 to 0 by the following vote:

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

Item #4 – Authorize General Manager to re-engage HDR, Inc. to perform consulting services for Nick C. DeGroot Water Treatment Plant

Upon their return from Closed Session, the following action was reported.

A motion was made by Director Holbrook and seconded by Director Kuil to re-engage HDR, Inc. to perform consulting services for Nick C. DeGroot Water Treatment Plant. The motion passed 4 to 1 by the following vote:

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

Item #5 – Directors report from Mid-Pacific Water Users Conference

Director Holbrook attended the Friday morning presentation of scholarships to Bio-Research and Agricultural Engineering students. The Bureau of Reclamation confirmed the drought is not over; the dams and reservoirs need more water. Throughout history, people still do not understand what agriculture does for them and continue to ask why the farmers need water.

Director Kuil was amazed how people still do not realize where their milk and vegetables come from. He emphasized the importance of educating people about agriculture. He said the drought is far from being over. The Bureau of Reclamation is increasing water conservation funds. Dave Murillo is working on dam safety and how to keep people safe. He attended a session regarding wild fires. Some concerns after a fire include minimizing erosion and its effects on aquatic systems, retaining adequate forest structure for fire associated wildlife, capturing the economic value of the wood through postfire timber harvests, reducing the potential for a severe reburn, and ensuring tree regeneration.

Director Roos attended a session with Nadine Bailey from the Family Water Alliance who also talked about the disaster of forest management and how the wild fires cause much erosion and how it filters dirt and silt into our reservoirs. He attended a session with Cannon Michael from the Bowles Farming Company in Los Banos. He talked about in depth interviews he had with local newspapers telling the farmers story in regards to agriculture and yet the reporters did not write the story as he expressed it. It was reported that the San Joaquin Rivers are a disaster waiting to happen and there are many levee breaks that need repairing. The southern San Andreas fault averages a major event every 180 years and is 140 years overdue and the risk of a large earthquake may be increasing faster than researchers had previously thought.

Item #6 – Discussion and possible action for 2016 Water Operations

Mr. Rietkerk indicated the District and the Board of Directors will need to begin taking action in regards to its drought management program. He noted the last irrigation season the Board implemented water conservation efforts such as water allotments, water transfers, pooling of accounts. The District is also looking at the Tri-Dam snow survey and hydrology issues. Planning a meeting of the AG Water Committee to discuss what water conservation efforts will be implemented this water season. Director Holmes said in his opinion all programs are already in place until hydrology indicates alternative methods should be implemented. Mr. Lindley plans to speak with True Point in order to regulate software issues.

Item #7 – COMMUNICATIONS

Director Roos suggested that a meeting be held with the growers in Director Kuil's Division 9 to bring them an update on the proposed rate increases.

Director Holmes distributed an article written by Mike Dunbar of the Modesto Bee indicating the State will explain why it wants our Stanislaus River. He suggested that staff publish the article in order to get this information out to its farmers.

Director Holbrook said that he attended the Water Advisory commission meeting on January 20 where they discussed the amount of water that Jerry Brown proposes to go to Southern California via the twin tunnels. Also discussed is that the drought is not over and we have not received as much rain as originally anticipated with El Nino. The U.S. Army Corps of Engineers and the EPA finalized the Clean Water Rule definition and makes all water, including household water a part of the Waters of the U.S. The bill went before Congress and Senate and is now before the President. Also discussed at the meeting was the SGMA, Sustainable Groundwater Management Act. He said that Supervisor Winn indicated the County has no opposition to other entities becoming a GSA. He attended a CPR class at the District on Monday, January 25.

Ed Erisman, WTP Manager

- Staff encountered some problems with the log booms on the East side of the water quality wall. He said the booms have lasted longer because they are sheltered from the biggest waves and they prevent the drift wood and debris that comes down at the start of irrigation season from building up in the water quality wall gap. Staff will try to reuse some of the old log booms from the West side to repair the damage section.
- GE has been contacted by the State and told to expect a draft letter of approval for the V4 modules in February. This should be a quick turnaround after the letter is received. Modules are conditionally scheduled for a March or April delivery.
- WTP operators are experimenting with using phosphoric acid for the membrane recovery cleans instead of citric acid. There is a possibility that the phosphoric acid will not adversely affect the pre-treatment process and staff might be able to recycle the recover clean waste instead of hauling it away. The operators are designing a test station to look at the effectiveness of the phosphoric acid on cleaning the modules and they will also be running jar tests to determine the effects of recycling the waste on the ACH coagulant and the pre-treatment process.

Troylene Vallow, Communications

- She thanked the Directors for their attendance at the Boys and Girls crab feed.
- The Almond Blossom “kickoff” dinner was well attended by board members on Thursday, January 14.
- She is able to speak to the water and energy issues with the students at the AG Venture school AG days. Director Holbrook suggested a flyer regarding these issues be given to the students and also be inserted into the Chamber Newsletter.
- She is planning a newsletter to be sent out to farmers advising them of the date, once established, that water season will start.
- She asked the board members to be sure and attend the retirement party for Margo Van Voorst.
- The Manteca Rotary pancake breakfast will be held on Superbowl Sunday, February 7.
- The Almond Blossom Parade will be on Saturday, February 27 and the District will be entering a float.
- Annual Employee Dinner will be held on Friday, March 4 at the Escalon Community Center at 6:00 p.m. and will honor the employees for their years of service.
- Manteca Chamber coffee will be held at the District on March 23.

Sam Bologna, Engineering Department Manager

- City of Manteca is requesting to address the Board at the February 9 meeting regarding a conceptual plan for the proposed FEZ (family entertainment center and hotel complex).
- Test pumping has been completed and we are waiting for test results so that specifications for the size of pumps that will be installed for the two new wells. Director Holmes asked if the well is going to be available to use for the season. Mr. Bologna will contact the consultant and provide an update at the next meeting.
- MDC investigation: Received recommendations from Kleinfelder regarding various options to remedy seepage issues upstream of Drop #2. Waiting for cost estimates from contractors before we bring this matter to the Board.

- Staff met on January 18 regarding the feasibility study to review all of the Tech memorandums submitted by Stantec and formulate recommendations for the next steps.
- Engineering department has been inundated with several development projects that are in various stages of the approval process. Several of the projects are planning to be constructed during this maintenance season.
- Peter, Steve, Joe, and I met with Mr. Alldrin, his attorney and field people to discuss issues regarding soil erosion into the main canal.
- FTG Construction Materials (Alegre) has signed the contract for dirt removal at the west basin and should begin moving dirt soon. A pre-construction meeting was held last week.
- He attended the GBA meeting on January 13 and an Ad Hoc committee meeting on January 22. The Ad Hoc committee reviewed various consultant contracts and recommended that DWR be consulted before any contracts were initiated by the GBA.
- He attended the Mid-Pacific conference and found a lot of good sessions including discussion on ESA, disaster preparedness, climate change water storage, funding opportunities and ITRC presentation.
- He gave a presentation at the California Irrigation Institute Conference in Sacramento regarding the Division 9 project. The information was well received with a lot of attendees expressing a genuine interest in what the District had accomplished. A representative of the governor's office outlined a water action plan at one of the sessions that seemed to mirror what the District is doing in Division 9.

Peter Rietkerk, General Manager

- He attended the CPR class and said the "Good Samaritan" law says it is better to try something to help someone rather than to do nothing at all.
- Reviewed the water supply conditions indicating precipitation for the Sacramento River 8-station index is currently at 29.3 inches or 117-percent of average to date. The San Joaquin River 5-station index is at 23.2 inches or 122-percent of average to date. Beardsley Reservoir received a total of 22.5 inches of precipitation last year and is currently at 25.5 inches. Stockton Airport rainfall is at 9.08 inches; 133-percent of average to date.
- He reviewed the snow pack data. The Northern Sierras are at 129% of normal, 78% of the April 1 average at 21.6 inches. It's headed in the right direction but we still need to plan conservatively. The Tri-Dam Project snow survey will start this week and the State snow survey will begin the first week of February.
- Storage in New Melones is at 370 TAF; there is a lot of catching up to do.

He is attending the GBA meetings and the sub-committee working group meetings. The County discussed specific principles they would like to see in coordinating boundary overlaps for GSA formation. In order to mitigate the boundary overlaps, San Joaquin County is proposing a "coordination agreement" which would include obligations between the County and local agencies forming GSAs to:

- Comply with SGMA and the implementing regulations
- Respect existing water rights and contracts
- Respect and/or preserve existing authorities such as land use and well permitting

- Coordinate and share data that would be used to develop one or multiple GSPs within the basin (knowing that the regulation calls for the use of the same data and methodologies for planning within a subbasin).
- Discussion regarding representation on GSAs for areas that are currently within the white area that have no other elected representation other than County Supervisors.

Other items:

- Internal staff reviewed the pressurized system feasibility study on January 18.
- He attended the monthly meeting of the San Joaquin Tributaries Authority on January 6; he reviewed a letter from a group of water agencies supporting a settlement process as a means of potentially resolving water rights disputes and proceedings for the California WaterFix and D-1641. Merced Irrigation District has noticed withdrawal from SJTA on January 25, 2016.

At this time, General Counsel announced that items 8a, b, & c would be discussed in closed session.

Item #8 – Closed Session

- a. Conference with Legal Counsel – Anticipated Litigation
Initiation of litigation pursuant to paragraph (4) of subdivision (d) of Government Code Section 54956.9
- 4 cases
- b. Conference with Legal Counsel – Anticipated Litigation
Significant exposure to litigation pursuant to paragraph (2) of subdivision (d) of Government Code Section 54956.9
- 3 cases
- c. Conference with Legal Counsel – Existing Litigation
Paragraph (1) of subdivision (d) of Government Code Section 54956.9
- 1 case

Case Name: Pacific Gas & Electric Company vs.
San Joaquin LAFCo
Superior Court for San Joaquin County
Case No. 39-2015-00321743-CU-JR-STK

Upon their return from Closed Session, it was reported there was no reportable action.

Item #8 – ADJOURNMENT

There being no further business to come before the board, it was moved by Director Holbrook and seconded by Director Kuil to adjourn the meeting at 12:20 p.m.

The motion passed 5 to 0 with the following vote.

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

ATTEST: _____
Betty Garcia, Executive Secretary