

Manteca, California  
July 28, 2015

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  
ABSENT: ROOS

Also present were General Manager Jeff Shields, Engineering Department Manager Sam Bologna, and Executive Secretary Betty Garcia.

**Public Comment** - None

**CONSENT CALENDAR**

- A. Approval of Warrants in the amount of \$938,495.10; A/P wires in the amount of \$447,649.59; payroll dated July 10 and 24, 2015 in the amount of \$394,671.55.
- B. Approval of the special Board meeting minutes of July 7, 2015.
- C. Approval of the special Board meeting minutes of July 21, 2015.
- D. Approval of Irrigation Service Abandonment agreement for Development Solutions, EE LLC, APN 226-120-01.

A motion was made by Director Holbrook and seconded by Director Kuil to accept the Consent Calendar as submitted and 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 – 2015 Water Supply Forecasts**

Mr. Jeff Shields, General Manager, distributed a satellite view of the earth in November 1997 when El Nino was strong and the view of July 2015 has the same warming pattern. He hopes to see lots of precipitation this winter. He reviewed the Tri-Dam daily report of water data, the reservoir conditions report, and the SSJID water usage reports. He said that he received a letter on July 20 from the Department of Water Resources indicating a partial rescinding of their previous curtailment orders. He said the State is suing Byron Bethany for diverting water.

**Item #2 – Discussion and possible action on selection of tiered rates**

Mr. Shields stated this item had been discussed in a meeting with staff and the Finance Committee on July 20 to review rate design issues and alternatives. Director Kuil indicated that he preferred Alternative 1. This rate design will cause an increase in revenues in the range of \$25,000 to \$180,000 per year.

A motion was made by Director Kamper and seconded by Director Kuil to approve Alternative 1 which is a two tier rate structure as indicated below with a stipulation that a cap be added in accordance with current Rules & Regulations which currently provide for an approximate annual calculated cap of 160 inches.

Tier 1 Quantity	48 inches
Tier 1 Rate	\$3 per acre-foot
Tier 2 Rate	\$10 per acre-foot

Motion passed 4 to 0 as follows:

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

**Item #3 – Consider approval of agreement to transfer District’s well pump No. 88 to Raymus Homes**

Mr. Sam Bologna, Engineering Manager, indicated that he and Steve Emrick, General Counsel, have been working on the terms and conditions of an agreement between SSJID and Raymus Homes to transfer well facilities. The agreement provides for the payment of \$175,000 for the facilities to occur on a specified closing date that will occur no earlier than October 30, 2017 but not later than October 30, 2018. The District will continue to own and operate the pump during the term of the agreement with a provision to allow Raymus Homes to pay for use of the pump in accordance with standard procedures as long as it does not interfere with District operations. Upon closing, the well facilities will be transferred to Raymus Homes and the easement will be quitclaimed accordingly. Raymus Homes shall assume all responsibility for the abandonment of the well and the District shall be able to salvage existing SCADA equipment. Director Holbrook indicated to Mr. Joe Catanzarite that he will have three years to review the status of the well to plan what procedures he can follow in order to supplement a head of water for irrigation purposes.

A motion was made by Director Holbrook and seconded by Director Kuil to authorize signature and recording of the agreement and approval of appurtenant plans, maps and related documents for Oleander Estates Unit #3. Motion passed 4 to 0 as follows:

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

**Item #4 – Consider approval of amendment to Irrigation Service Abandonment #1425 for Jim Boersma, APN 228-030-41**

Mr. Bologna stated that this property has been signed off by Jim Boersma and submitted a corrected services abandonment agreement that was different than the one that was in the board packet. The current owner would like to amend the existing service abandonment agreement so that the property can be eligible to receive District water. He indicated there are trees on an easement owned by the District that will need to be removed.

Staff recommends the following specific conditions for approval of the agreement:

1. Lateral “T” is capable of delivering flood water to the Subject Property through existing valve structures. If Owner desires to receive flood water, Owner shall be responsible for verifying that the valves are in operable condition and free of leaks. If improvements are necessary, Owner shall be required to obtain a Structure Permit from the District prior to proceeding with construction or modification.
2. Sprinkler water can be made available to irrigate the Subject Property through SSJID Lateral “T”. The Owner shall be required to install facilities necessary to connect to the SSJID facility and construct a private sprinkler sump consistent with District’s Standard Plans and Specifications (“District Specifications”). Owner shall be required to obtain a Structure Permit from District prior to receiving District water.
3. 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 shall notify the Owner when the District requires the Owner to install the meter/meters. The Owner shall 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.
4. 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 and shall only meter service to a single parcel. In the event that 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.
5. Per the District’s easement recorded on February 18, 1987 in the San Joaquin County Recorder’s Office as document number 87014993, Owner shall remove all trees within

15' of the centerline of the SSJID lateral "T" pipeline prior to being eligible to receive an irrigation water allotment.

6. As stated above, the District owns 0.94 acres of land that is currently being farmed by the owner. Since the owner does not own the land, it is recommended that the owner remove all trees within District property as a condition of the approval and that any request relative to use of the property be dealt with in accordance with the District's property interest policy.
7. 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.
8. 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. However, due to drought conditions and potential need for improvements to District facilities that cannot be accommodated during water season, it is recommended that owner not be eligible to receive water until the 2016 water season.
9. Conditions stated above shall be incorporated into the amended agreement.

A motion was made by Director Kuil and seconded by Director Kamper to approve the agreement to amend Irrigation Service Abandonment agreement subject to the above state recommendations. Approval shall be subject to the terms and conditions specified in the revised policy entitled "Policy for Rescinding Irrigation Service Abandonment." It is also recommended including an option for Mr. Boersma to purchase the strip of land owned by the District which is intended for the SSJID Lateral "T" and require the owner to remove the trees that have been planted there. Motion passed 3 to 1 as follows:

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

**Item #5 – Consider 2015 Election Ballot of Candidates to the SDRMA Board of Directors and to approve Resolution #15-02-N authorizing this action**

Mr. Shields stated the current incumbents have been doing a good job as Board of Directors of the Special District Risk Management Authority.

A motion was made by Director Holbrook and seconded by Director Kuil to nominate the following candidates; Ed Gray, Sandy Seifert-Raffelson, and Robert Swan and approve Resolution #15-02-N authorizing this action. Motion passed 4 to 0 as follows:

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

### **Item #6 – Directors report from HydroVision International Conference**

Director Holbrook reported on Dam Safety and said it is imperative that a “Dam Owners Safety Program” be in place. At the conference, discussion included topics such as:

- Who is in charge of Dam Safety? Is everyone aware of the safety requirements? What are the Dam Safety policies and is the Board of Directors, Executives, and staff aware of them?
- The Human Factor is increasingly recognized as a critical factor in dam safety.
- Be transparent, keep the public informed and be up to date on current best practices and science.
- Being compliant is not enough!
- When all else fails, have a good up to date “Emergency Action Plan”
- Dam failure due to lack of Dam Safety will end you up in jail.
- FERC is pushing all the responsibility for Dam Safety on the dam owners.

He said Kelly Rodgers of San Diego Water Authority discussed their pumped storage program.

- They have finished one project which includes 40 megawatts of generation.
- A second project is in the planning stage with up to 500 megawatts of generation planned.
- With wind and solar generation, they are looking at pumping to storage between 1:00 pm and 4:00 pm instead of pumping at night.
- Excess production of solar and wind generation is hurting the benefits of pumped storage.
- Considering changing the rate schedules to charge more for night power and less during the day light hours.
- New technologies include reversible turbine pumps; adjustable speed pumps; and compressed air generation.
- Only 3% of federal dams have hydropower facilities.
- New facilities have to be at or below 30 megawatts to be considered green energy.

He said one of the exhibits by the Foundation for Water and Energy Education had great tools for educating students and the public. He highly recommends purchasing some of the exhibits and the cost would be approximately \$5,000 to \$10,000. A representative would come and perform a one day workshop on how the exhibits work.

Director Holmes said it was a very good and education conference. He attended these sessions:

- Managing Hydro and FERC re-licensing issues.
- Water temperature modeling.
- Work force development and retention planning – obligation for older workers who felt the need to transfer knowledge to younger employees.

### **Item #7 – COMMUNICATIONS**

Director Kamper inquired as to the status of the Verdegaal encroachments onto District property. Mr. Bologna stated he is still reviewing the building permits.

Ed Erisman, Water Treatment Plant Manager

- The Risk Management Plan (FMP) has been updated and submitted to San Joaquin County for the Tracy Booster Station. There is an 8,000 gallon ammonia tank at this location that is kept half full of a 19% solution of aqueous ammonia. The plan is reviewed and updated every 5 years.
- The sludge is drying beds #3 and #4 is dry and will be hauled away this week to the Forward Landfill.
- Inspection of the treated water storage tanks at our three booster stations shows large areas of peeling paint. The worst is at the M3 booster in Manteca. Staff previously had coating repairs made to these tanks but the areas are much larger and as the tanks are over 10 years old we plan to add repainting these tanks to our next budget.

Troylene Vallow, Communications

- Annual Police Chiefs Foundation Ball will be held on Saturday, September 19. The District will sponsor a table and she asked the Board members to let her know if they would be attending.
- Manteca Rotary Golf Tournament will be held on Thursday, September 24 at the Oakmore Golf Course at 9:00 a.m.
- SJC Housing Authority Golf Tournament will be held on Monday, October 5 at Elkhorn Golf Course at 11:00 a.m.
- District will be working with Stanislaus County Dockwalking boater kits is an educational tool for boaters. Items include: a pocketbook of tide tables, Division of Boating and Waterways pamphlets (ABC's of the California Boating Law and Clean Boating Habits).
- She thanked the Board for their support with the Save the Stan campaign.

Joe Catanzarite, Operations/Water Supervisor

- Informed the Board that a car was driven into the canal on Victory Road.
- Director Kuil asked how much did it cost for each Magnacide application. Mr. Catanzarite said it is approximately \$30,000 per application.

Sam Bologna, Engineering Manager

- The Conservation Program has no new reimbursements
- Master account update: 93 irrigators using master accounts; water allotment transfer agreements are 18; and the number of agreements to transfer private water through District facilities is 4.
- Proposition 84 funding; working with GEI and Stantec on grant application and making good progress. The deadline is August 7. Stockton East Water District has dropped out so the District's two projects are the only ones being submitted.
- East Basin well project; working with SJC to secure a permit for the two new wells at the east basin. The county is requiring a plan that shows minimum clearances from the high water mark of the pond and the property line.

- Working on revising the 1919 Rules and Regulations and hope to have a draft to the Board soon.
- Encroachment issues: Alldrin has signed an acknowledgement letter that confirms he will comply with the requirements to remove all encroachments located within the District's easements. Bavaro has signed a letter and has made some progress with regard to compliance with items listed in the letter. District has contacted the County in regards to Verdegaal encroachments. Still investigating and will formulate a recommendation and bring back to the Board. Will be meeting with Don Ney regarding a resolution of his encroachments.
- Met with operations and maintenance managers to review the 5 year capital improvement plan and to assess which projects we would be able to construct this year and to consider possible modifications to the plan.
- Provided consultants with the requested information on the Ag Water Management Plan and Feasibility study; making good progress.
- Met the new engineering staff with the City of Manteca; brought them up to speed with the status of several issues not yet resolved.
- Jeff received a letter from Division of Safety of Dams regarding the development of an Emergency Action plan for Woodward Dam. We are questioning is Woodward should be classified as a high hazard dam since our studies indicate that it is not. Jeff assigned the task of following through on this project to Walt Luihn.
- Staff continues to receive a number of plans submitted for approval regarding developments throughout the District.

Jeff Shields, General Manager

- Rosie Gentry's mother passed away.
- There has been a modified rescission on the curtailment orders.
- Temperature modeling on the Stanislaus River.

It was announced that item 8a would be discussed in Closed Session.

**Item #8 – Closed Session**

- a. Public Employment  
Government Code Section 54957  
Title: General Manager

**Upon their return from closed session, President Holmes stated there were no reportable actions.**

**Item #9 – ADJOURNMENT**

There being no further business to come before the Board, it was moved by Director Kuil and seconded by Director Kamper to adjourn the meeting at 11:34 a.m.

Motion passed 4 to 0 as follows:

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

ATTEST: \_\_\_\_\_  
Betty Garcia, Executive Secretary