

September 13, 2017
Tracy, CA 95304

Pursuant to adjournment, August 16, 2017, the Board of Directors of the Banta-Carbona Irrigation District met at 9:00 a.m. at 3514 W. Lehman Road, Tracy California on the above named date.

PRESENT: Directors: James M. McLeod, Keith Robertson, Glenn Robertson, James M. Thoming and Annette Elissagaray

OTHERS PRESENT: General Manager David Weisenberger, Secretary Margaret Howe and District Counsel Jeanne Zolezzi

ABSENT: None

ITEM 1 - MINUTES & TREASURER'S REPORT

Director Glenn Robertson made a motion to approve the minutes of the August 16, 2017 as presented. Director Keith Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Keith Robertson, Glenn Robertson, Annette Elissagaray and James M. Thoming; Noes: None; Abstain: None; Absent: None

Secretary Howe presented the Treasurer's report and after review by the Board it was filed.

ITEM 2 - MISCELLANEOUS CORRESPONDENCE

Secretary Howe reported the District received notification from the San Joaquin County Registrar of Voters that no one had filed to run against the incumbent Directors in Division 2 and Division 3. The incumbent Directors; Annette Elissagaray, Division 2 and James M. McLeod, Division 3; will be appointed by the San Joaquin County Board of Supervisors at a meeting held prior to the Monday before the first Friday in December.

ITEM 3 - MANAGER'S REPORT & DISCUSSION ITEMS.

MANAGER'S REPORT September 13, 2017

Vernalis flow +/- 6,000 cfs. Diverting +/- 80 cfs plus Wheeling 0 cfs

Maintenance – Weed control continues using herbicides and by disking. Aquatic weeds have also been treated. Algae is being treated with copper products. Pondweed is being treated with Teton. Other maintenance activities this month include repairing pipeline leaks and repairing or replacing turnout gates.

Operations – Some ditchtenders will be pulled off of irrigation deliveries and put on the maintenance schedule (M-F, 7-4,) beginning this week.

FRIANT SJRRP Restoration Flows and Wheeling – There are two agreements ready for execution that will allow us to begin wheeling water for the San Joaquin River Restoration Program (SJRRP). One agreement is a Memorandum of Understanding between the USBR and BCID that BCID will wheel for the SJRRP and the second agreement is with Friant Contractors that they will pay for the wheeling service.

Sustainable Groundwater Management Act (SGMA) – There is a state grant funding application round on-going right now. The San Joaquin County wants to sit down with GSA's in the Tracy sub-basin on Thursday, September 14, to discuss the possibility of applying for a grant for our sub-basin. The next milestone due is a Groundwater Sustainability Plan (GSA) for our GSA as well as for the Tracy Sub-basin which is due by January 31, 2022.

Replacement Pumping Plant 5 Low Head Lift – We have been tracking down price estimates for using our old PP #7 pumps and motors and associated electrical gear to replace old PP #5. We received a proposal from Syblon Reid of over \$800,000 just to install the pipeline, check valves, pumps and motors, which did not include any of the electrical work. We have been working separately with Bockmon and Woody to obtain estimates to move and install the VFD drives. So far we have roughed out that it would be another \$150,000 to \$200,000 for the electrical and SCADA work. More on this in the oral report.

GM – Attended a PWRPA conference in Santa Rosa that took me out of the office September 6-8. While in Santa Rosa I drove up to Cloverdale to look at used crane trucks. PWRPA held two days of board meetings (workshops) to look at the future of electric utility service in California and more specifically PWRPA's role in that arena. PWRPA has been in operation for thirteen years and is moving into an era where the state is requiring up to fifty percent of electricity used be generated by green renewable power resources. One of the questions was, how will PWRPA meet that challenge.

While in Santa Rosa a tour of an electric microgrid on a winery estate was arranged. It proved to be more than we expected. The site does have a complete microgrid that can operate separately from PG&E but the site was more than that. They are running studies and pilot projects with interns from several different colleges the past four years. They have been setting up and using various types of energy storage devices and documenting the advantages and disadvantages of each within the microgrid. They claim that the knowledge gained is being open sourced on the internet. We have not verified that it is on the internet. They also claim that

hydrogen is the future of energy storage instead of storing energy in batteries. When you have excess energy to store you use it to produce hydrogen which you store. When you need energy you use the hydrogen to produce the energy. Hydrogen can be stored for months in cylinders whereas batteries lose energy over days.

Developed and wrote operating procedures for the start up and shutdown of the new pumping plant at PP #5 under the various operating scenarios, to DMC, to 6 sump, system failure, etc. Procedures were distributed to pump operators and supervisors.

Reviewed agreements with Friant and USBR. Also reviewed access permit that USBR wants for environmental scoping of property. We are still waiting for them to correct the maps for the scoping areas.

We have been working with Dick Hearth of WAVE Engineering and Al Spagnola of Bockmon and Woody on moving VFD's from PP #7 to PP #5.

ITEM 4 - DIRECTOR AND STAFF ITEMS

There was no Director of staff items discussed.

ITEM 5 - REVIEW CURRENT WATER SUPPLIES AND 2017 WATER SUPPLIES AVAILABLE TO THE DISTRICT, TRANSFER AND SCHEDULING THE USE OF AVAILABLE WATER SUPPLIES. ACTION AS NECESSARY

The U.S. Bureau of Reclamation announced on April 11 a 2017 CVP allocation of 100% (20,000 acre feet) for the South-of-Delta Contractors. The District used 2 acre feet of its allocation in June. At the current time there is no market for water transfers. The District continues to pump Pre-1914 water to the Meyers Family Trust under their current agreement.

ITEM 6 – CONSIDER PURCHASE OF CRANE TRUCK. ACTION AS NECESSARY.

Staff reported the District's current crane truck is over 40 years old. Staff has looked at the cost of a newer used replacement vehicle. Charter Sales Co. in Cloverdale, CA has a used 2012, Ford F750-CR available for \$74,900.00 plus taxes. A newer vehicle would be able to handle heavier projects in the District, and the District would not have to hire a service. After discussing the advantages of purchasing a new crane truck, Director Keith Robertson made a motion to approve the purchase of a used crane truck at a cost of no more than \$74,900 plus taxes. Director Glenn Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Keith Robertson, Glenn Robertson, Annette Elissagaray and James M. Thoming; Noes: None; Abstain: None; Absent: None

ITEM 7 – REVIEW AGREEMENTS FOR POTENTIAL WHEELING WATER PROJECT FOR SAN JOAQUIN RIVER RESTORATION FLOWS IN 2017 AND 2018. ACTION AS NECESSARY.

General Manager provided copies of both the "Temporary Agreement for Conveyance of Water" between Banta-Carbona Irrigation District (BCID) and the Friant Division Contractors (Friant) and Memorandum of Agreement with the U.S. Bureau of Reclamation for wheeling of San Joaquin River Restoration Flows (SJRRF) in 2017 and 2018. The agreement provides for BCID to convey up 48,000 acre feet of restoration flows for Friant through BCID's facilities into the Delta-Mendota Canal. The conveyance fee paid by Friant to BCID will be \$100 per acre foot of SJRRF conveyed. Director James M. Thoming made a motion to approve the agreements both the Friant Division Contractors and the Bureau of Reclamation and authorized General Manager Weisenberger to execute the agreements. Director Glenn Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Keith Robertson, Glenn Robertson, Annette Elissagaray and James M. Thoming; Noes: None; Abstain: None; Absent: None

ITEM 8 – DISCUSS WHETHER OR NOT TO PARTICIPATE IN THE CALIFORNIA WATER FIX PROJECT (TWIN TUNNELS). ACTION AS NECESSARY.

General Manager Weisenberger prepared a staff report for the Directors to review regarding participation in the California Water Fix (CWF) project. Since there is no guarantee the District would receive a substantial amount of supplemental and the cost will most likely be prohibitive, his recommendation is that the District not participate in the CWF. The Board reviewed the report and discussed the project. Director James M Thoming made a motion to not participate in the CWF but staff and District Legal Counsel should continue monitoring the ongoing proceedings. Director Keith Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Keith Robertson, Glenn Robertson, Annette Elissagaray and James M. Thoming; Noes: None; Abstain: None; Absent: None

ITEM 9 – DISCUSS ESTABLISHING A CASH RESERVE POLICY FOR THE DISTRICT. ACTION AS NECESSARY.

General Manager Weisenberger continues to work on a Cash Reserves Policy and identifying potential capital expenditures and how to fund them. He hopes to have more information for the Board to review at the October meeting.

ITEM 10 – REVIEW POTENTIAL LOW HEAD PUMP INSTALLATION PROJECT AT PP #5 ON LIFT CANAL SYSTEM. ACTION AS NECESSARY.

General Manager Weisenberger and Dahl Consultants are working on getting price estimates for using our old PP #7 pumps and motors and associated electrical gear to replace old PP #5. The District received a proposal from Syblon Reid of over \$800,000 just to install the pipeline, check valves, pumps and motors, which did not include any of the electrical work. They are also working separately with Bockmon and Woody to obtain estimates to move and install the VFD drives. So far we have roughed out that it would be another \$150,000 to \$200,000 for the electrical and SCADA work.

ITEM 11 - UPDATE ON FISHBIO ACTIVITIES IN PREPARATION OF THE PREDATION STUDY IN THE DELTA. ACTION AS NECESSARY.

There is no new information to report. The fyke trap components are complete and one has been assembled and is ready for use. FISHBIO continues to work on permitting and developing a public communications strategy.

ITEM 12 -UPDATE ON DEVELOPMENT OF A SPUR DIKE PROJECT ON SAN JOAQUIN RIVER. ACTION AS NECESSARY.

Staff and the District's Legal Counsel are working on the application process. Staff is also working with Dahl Consultants on an update project design including estimated costs and a time schedule.

ITEM 13 - UPDATE ON SUSTAINABLE GROUNDWATER MANAGEMENT ACT (SGMA) IMPLEMENTATION IN THE TRACY SUB-BASIN. ACTION AS NECESSARY.

General Manager Weisenberger reported there is a state grant funding application round on-going right now. The San Joaquin County wants to sit down with GSA's in the Tracy sub-basin on Thursday, September 14, to discuss the possibility of applying for a grant for our sub-basin. The next milestone due is a Groundwater Sustainability Plan (GSA) for our GSA as well as for the Tracy Sub-basin which is due by January 31, 2022.

ITEM 14 - CLOSED SESSION:

- 1) CONFERENCE WITH LEGAL COUNSEL on EXISTING LITIGATION PURSUANT to Subdivision (a) of Section 54956.9 of the Government Code
 - A. Banta-Carbona Irrigation District v. California State Water Resources Control Board, et al, Case No. 2015-1-CV-285182 in Santa Clara County Superior Court, Dept 1. This case originated in San Joaquin County as Case No. 39-2015- 00326421-CU-WM-STK
 - B. Natural Resources Defense Council v. Sally Jewell, U.S., Department of the Interior Case No. 1:05-cv-01207 LJO-GSA
- 2) CONFERENCE WITH REAL PROPERTY NEGOTIATIONS
 - Property: Water Transfer
 - Agency negotiator: District Counsel Jeanne Zolezzi
 - Negotiating parties: Modesto Irrigation District
 - Under Negotiation: Quantity, price, period of transfer

Returned to open session with no announcement.

ITEM 15 - Approval of Warrants

Director Keith Robertson moved that the September 2017 Warrants in the amount of \$143,423.45 be approved for payment. Director James M. Thoming seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Annette Elissagaray, Keith Robertson, Glenn Robertson and James M. Thoming; Noes: None; Abstain: None; Absent: None

The meeting was then adjourned to Wednesday, October 11, 2017 at 9:00 a.m.

Respectfully,

Margaret G. Howe