

January 14, 2015
Tracy, CA 95304

Pursuant to adjournment, December 17, 2014, 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, Glenn Robertson, Keith Robertson, Roger Elissagaray and James Thoming

OTHERS PRESENT: General Manager David Weisenberger, Secretary Margaret Howe

ABSENT: None

ITEM 1 - MINUTES & TREASURER'S REPORT

Director Keith Robertson made a motion to approve the minutes of the December 17, 2014 board meeting as presented. Director James Thoming seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Roger Elissagaray, Keith Robertson, Glenn Robertson and James Thoming; Noes: None; Abstain: None; Absent: None

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

ITEM 2 - MISCELLANEOUS CORRESPONDENCE

There was no correspondence presented.

ITEM 3 - MANAGER'S REPORT & DISCUSSION ITEMS.

MANAGER'S REPORT

January 13, 2015

PP #1 River Gauge 7.9, River @ Fishscreen 2.50 msl., Vernalis 1030 cfs.
Currently pumping 00 cfs

WATER SUPPLY OUTLOOK – Looking at reservoir storage numbers on the San Joaquin River upstream of BCID's diversion point and comparing them to last year's numbers at this time here is what we find:

	Mid-January 2014 (AF)	Mid January 2015 (AF)	Difference (AF)
New Melones Reservoir	1,045,796	551,051	-494,745
Don Pedro Reservoir	1,041,411	798,023	-243,388
Exchequer Reservoir	<u>219,846</u>	<u>71,404</u>	<u>-148,442</u>
Total	2,307,053	1,420,478	-886,575
		61.5 %	-38.5%

Flow on the San Joaquin River is currently 1,030 cfs as compared to last year at this time when the flow was 718 cfs. Flow is up by 300 cfs. This is not the result of any increased releases by reservoirs but is the result of natural drainage and any drainage discharge points along the system.

MAINTENANCE - The #1-30 motor in PP #6 is at Stanley Electric for repairs. Repairs on the #1-30 cfs pump in PP #6 are nearly complete by Geiger Manufacturing in Stockton, Ca. It is expected that delivery of the pump should be later this week and re-installation can begin.

Another motor short circuited in PP #3, the #3-40. Stanley Electric has confirmed that these motors are short circuiting due to high moisture content within the windings and if the winding coating is cracked it is short circuiting the motor to ground. They recommended that all the motors be tested using a megger counter that measures conductivity to ground before starting them this winter. We have increased heating of the buildings and increased air flow with fans to keep the motors drier and to dry them out. We have tented some of the motors and put fans and heaters within the tarped tents. Meanwhile as Bockmon and Woody Electric conducts preventative maintenance in the pump houses they are meggering the motors.

Also in PP #3 we had to pull the Cascade pump, the #5-40cfs pump, last week. It has had a leak through the top along the shaft. It was thought that packing needed to be tightened. Delta Pump was called out to take a look at it. They determined that the bottom bearing seal was bad and was causing it to leak. The leak had reached a point that it was deemed best to pull the pump and have it fixed. It is in Delta Pump Inc.'s shop in Stockton California.

The District was informed that Valley Pattern Inc. of Stockton California will be closing its doors later this year. Valley Pattern is the company that made the patterns for the District's 20, 40, and 60 cfs pumps in about the years 1978 – 1980. Valley Pattern has been pouring impeller castings for the District for thirty years. They have been commissioned to pour two more 20 cfs pump impellers and two 40 cfs pump impellers before they close in May 2015. These will be stored for future use.

Increasing the heating wattage in the pump houses will be looked at as well as having motors equipped with heaters when they are rewound. The 75 hp motor that was the first to short circuit has been equipped with heaters so that when the motor is off the heaters will be on. This will be a feature added to all motors when they are re-furbished.

As a result of studying this issue and looking at potential electricity loads in pump houses during the winter it was discovered that the District may want to consider putting some ultra low head hydro generators on the return pipes at pump houses. During the winter there is a small flow from lift canal bank drainage accretions that flow backwards through the lift canal. There are flows going past pump houses three, two and one. This may generate enough electricity to offset our winter heating and lights load.

The box culvert in front of old PP #5 is being extended by 32 feet so that at any time that we wish to proceed on construction of new PP #5 it can be started during the irrigation season. The extension consists of laying 72 inch re-enforced concrete pipe in the bottom of the lift canal.

As required by the USBR water conservation program our district is currently mapping turnouts, pipelines, and canals. Data has been gathered on our facilities using a GPS unit provided by Quartaroli and Associates. Quartaroli and Associates are preparing to put them on an internet based interactive map with a google earth photo background. The field work is being performed by district employees and is about 99% complete. The GPS data has been downloaded in Quartaroli's office every couple of days. Once they have all of the data they will apply it to maps. The data will be available over google earth types of views.

WATER CONSERVATION FIVE YEAR UPDATE DUE - The five year update of the Water Conservation Plan was submitted on December 31, 2014 as required. It will not become final until the Bureau recognizes it is complete.

PONDWEED and ALGAE CONTROL - I am still working on tracking down DFG people to help determine if they will allow Triploid Grass Carp in our canals. Imperial Irrigation District (IID) said that they are getting excellent control and have clean canals as a result of using these fish. IID sells these fish to others in California under the supervision of the California Department of Fish and Wildlife (CDF&W). The receiving district must first obtain a permit from the CDF&W before ordering any fish from IID. IID will then produce the fish and at about 12 inches of growth ship the fish to you. The Triploid Grass Carp is a Chinese Grass Carp that has its reproductive ability removed via removal of specific chromosomes. All fish are tested for the missing chromosomes while being observed by the CDF&W before shipping the fish out. In addition, all of the fish are tagged with a unique tag number and are recorded as to who owns the fish. They do not want these fish in areas that have not been pre-approved by CDF&W.

SWRCB - We continue to monitor State Water Resources Control Board (SWRCB) activities and meetings related to water rights and the drought. On September 24, 2014 they held a workshop to discuss a letter request they received from the State and Federal water Projects requesting that the SWRCB collect more detailed information from delta diverters about the diverter's right and the amount of their right. Jeanne Zolezzi and I attended the workshop. The state and federal water project representatives along with some state and federal water contractors offered oral comments on the subject of getting more diversion information from the south and central delta water diverters. Basically they want the SWRCB to go out and beat the bushes for information about diversions in the delta. I do not see the nexus between getting that information from specific diverters and the general conclusions one can draw just from the cropping patterns in the delta. I don't see why their overall irrigation delivery cycles and amounts should differ that much from those of us upstream of the delta.

There was a process that was a directive of the SWRCB in their July 3rd emergency regulation resolution curtailing all post 1914 water diversions for 2014. SWRCB staff is directed to have a plan completed by January 31, 2015 that is the result of process that includes water right holders' participation.

SPUR DIKE - I will be meeting with Chris Neudeck of KSN Engineering of Stockton California and with a couple of trustees from the McMullin Reclamation District this Friday, January 16, 2015 to talk about the proposed Spur Dike Project and get their feedback.

Prepared by David Weisenberger, General Manager

ITEM 4 - DIRECTOR AND STAFF ITEMS

Secretary Howe inquired about serving water to Kasson landholders that are still under the old contracts. The Board requested that staff put the item on the February agenda and provide an agreement for the landholder to sign acknowledging the conditions of service outside their contract year.

Director James Thoming inquired about lining the District's dirt canals and could the District then document conserved water and possibly store more water. Staff will check on the cost of lining the District's dirt canals.

ITEM 5 - REVIEW CURRENT WATER SUPPLIES AND 2015 WATER SUPPLIES AVAILABLE TO THE DISTRICT, POTENTIAL RATIONING, AND SCHEDULING THE USE OF AVAILABLE WATER SUPPLIES. ACTION AS NECESSARY.

General Manager Weisenberger reported the U.S. Bureau of Reclamation has not announced an allocation for the 2015/2016 CVP Water year. The District currently has 24,644 acre feet of water to carry over into 2015.

ITEM 6 – UPDATE ON STATE WATER RESOURCES CONTROL BOARD (SWRCB) PROCEEDINGS REGARDING CURTAILMENT DIRECTIVES TO WATER RIGHTS HOLDERS ON THE SAN JOAQUIN RIVER AND THE SACRAMENTO RIVER BASINS. ACTION AS NECESSARY.

General Manager Weisenberger reported District staff as well as District Counsel continue to monitor SWRCB activities and meetings, but had nothing new to report.

ITEM 7 – CONSIDER A REQUEST FROM PEREZ FARMS TO WHEEL UP TO 1,000 ACRE FEET OF WATER IN 2015. ACTION AS NECESSARY.

Earl Perez, representative of Perez Farms, was present to discuss with the Board the possibility of the District wheeling up 1,000 acre feet of water in 2015. After discussing the request, the Board determined that with the District's current facilities and commitments it would not have any excess capacity to wheel any extra water. If there any changes in the future, the Board agreed to revisit the request.

ITEM 8 – CLOSED SESSION:

CONFERENCE WITH LEGAL COUNSEL - REAL PROPERTY NEGOTIATIONS

Property:	District's Pre-1914 Water Rights
Agency Negotiator:	David Weisenberger and Jeanne Zolezzi
Negotiating Party:	State Water Resources Control Board
Under negotiation:	Water Rights

Returned to open session with no announcement.

ITEM 9 - REVIEW FOR APPROVAL RESOLUTION APPROVING EXECUTION OF 2015 WARREN ACT CONTRACT 15-WC-20-4659 WITH THE UNITED STATES BUREAU OF RECLAMATION. ACTION AS NECESSARY.

General Manager Weisenberger reported that staff and District Counsel had reviewed the 2015 Warren Act Contract and requested a few minor changes in the document. The U.S. Bureau of Reclamation is currently reviewing the requested changes and the document should be ready for signatures by January 23rd. Director Roger Elissagaray made a motion to approve execution of 2015 Warren Act Contract 15-WC-20-4659 subject to approval by District Counsel. Director Glenn Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Roger Elissagaray, Keith Robertson, Glenn Robertson and James Thoming; Noes: None; Abstain: None; Absent: None

RESOLUTION NO. 2015 - 01
Resolution of January 14, 2015

THE BANTA-CARBONA IRRIGATION DISTRICT
 RESOLUTION ADOPTING NOTICE OF EXEMPTION
 AND APPROVING EXECUTION OF
 2015 WARREN ACT CONTRACT NUMBER 15-WC-20-4659 WITH THE UNITED
 STATES BUREAU OF RECLAMATION

WHEREAS, the State of California is currently experiencing unprecedented water management challenges; and

WHEREAS, following three straight years of below-average rainfall, very low snowmelt runoff and the largest court-ordered water transfer restrictions in state history; and

WHEREAS, the United States Bureau of Reclamation declared that CVP allocations for 2014 were 0% and are expected to be the same for 2015, and CVP contractors do not anticipate receiving full supplies under current operations in the near future; and

WHEREAS, because of continuing drought and conditions of water management uncertainty in place in California, the Banta-Carbona Irrigation District wishes to take all actions to protect its irrigators, as well as to attempt to provide assistance to irrigators in adjacent districts through effective use of its **Pre-1914 Water Right** from the San Joaquin River; and

WHEREAS, execution of Multi-Year Temporary Warren Act Contract – Years 2015 - 2019 with the United States Bureau of Reclamation will allow the district to use its **Pre-1914 Water Rights**, flexibly and to the greatest benefit in the years 2015 - 2019; and

WHEREAS, the Banta-Carbona Irrigation District has determined that entering into the Multi-Year Temporary Warren Act Contract – Years 2015 – 2019 is exempt from CEQA under the circumstances existing at this time.

NOW, THEREFORE, be it RESOLVED that:

1. The BCID Board of Directors has determined that entering into the Multi-Year Temporary Warren Act Contract – Years 2015 - 2019 is exempt from CEQA under the circumstances existing at this time.
2. BCID staff is authorized to file a notice of exemption with the San Joaquin County Clerk's office.
3. The President of the Board of Directors is authorized to execute the Multi-Year Temporary Contract between the United States and Banta-Carbona Irrigation District Providing for Storage and Conveyance of Non-Project Water for the years 2015 - 2019

PASSED AND ADOPTED by the Board of Directors of Banta-Carbona Irrigation District on the 14th day of January 2015 by the following vote:

AYES:	Directors James McLeod, Keith Robertson, Glenn Robertson, James Thoming and Roger Elissagaray
NOES:	None
ABSENT:	None
ABSTAIN:	None

ITEM 10 – REPORT ON VIABILITY OF BUILDING SPUR DIKES IN THE SAN JOAQUIN RIVER AT THE BCID DIVERSION POINT TO PROTECT THE FISH BYPASS DISCHARGE OUTFALL AND TO MINIMIZE ANNUAL DREDGING MAINTENANCE IN THE RIVER. ACTION AS NECESSARY.

General Manger Weisenberger will be meeting with Chris Neudeck of KSN Engineering of Stockton California and with a couple of trustees from the McMullin Reclamation District this Friday, January 16, 2015 to talk about the proposed Spur Dike Project and get their feedback.

ITEM 11 – CONSIDER RESOLUTION ADOPTING WATER CONSERVATION PLAN. ACTION AS NECESSARY.

General Manager Weisenberger presented the Banta-Carbona Irrigation District Five Year Water Conservation Plan (Plan) to the Board of Directors. The Plan has been filed with the U.S. Bureau of Reclamation, as required, for their review and approval. The Board reviewed the Plan and Director James Thoming made a motion to approve the Plan as submitted. Director Keith Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Roger Elissagaray, Keith Robertson, Glenn Robertson and James Thoming; Noes: None; Abstain: None; Absent: None

**RESOLUTION NO. 2015 - 02
Resolution of January 14, 2015**

RESOLUTION FOR ADOPTING OF A WATER CONSERVATION PLAN FOR BANTA-CARBONA IRRIGATION DISTRICT

WHEREAS, Section No.3405 (e) of the Central Valley Project Improvement Act of 1992(Title XXIV, Public Law 102-575, 106 Stat. 4713) requires the Secretary of the Interior to establish an office to develop criteria for evaluating water conservation plans developed by CVP contractors, and to evaluate the adequacy of plans submitted by project contractors, and

WHEREAS, Section 210 of the Reclamation Reform Act of 1982 (Public Law 97-293; 43 U.S.390jj) required districts with repayment or water supply contracts to develop and maintain water conservation plans containing definite goals, appropriate water conservation objectives; and

WHEREAS, the Banta-Carbona Irrigation District has such a water supply contract and has therefore prepared a water conservation plan.

NOW, THEREFORE, BE IT RESOLVED, that the Water Conservation Plan is adopted as presented this 14th day of January, 2015.

PASSED AND ADOPTED this 14th day of January, 2015, by the following roll call vote:

AYES: Directors James M. McLeod, Keith Robertson, Glenn Robertson, James Thoming and Roger Elissagaray

NOES: None

ABSENT: None

ITEM 12 - APPROVAL OF WARRANTS.

Director Keith Robertson moved that the January 2015 Warrants in the amount of \$116,358.76 be approved for payment. Director Glenn Robertson seconded the motion and it carried by the following vote; Ayes: Directors James McLeod, Roger Elissagaray, Keith Robertson, Glenn Robertson and James Thoming; Noes: None; Abstain: None; Absent: None

The meeting was then adjourned to Wednesday, February 11, 2015 at 9:00 a.m.

Respectfully,

Margaret G. Howe