

Central Iron County Water Conservancy District
Board Meeting Minutes
August 17, 2017



Board Members

Brent Hunter – Chairman
Tom Stratton
Spencer Jones
Tyler Allred
Joe Melling
Tim Watson
Paul Cozzens

District Staff

Paul Monroe – General Manager
John Juergens - Operator
Tracy Feltner-Operator
Shelby Ericksen– Public Outreach
Curtis Nielson– District Engineer
Justin Wayment-District Legal Counsel

Others in Attendance:

Doug Hall
Cory Dow
Roice Nelson
Gary Player
Wayne Lebaron
Josh Nowell

CALL TO ORDER: Board Chairman Hunter called the meeting to order. 6:32 PM
Doug Hall led the pledge, Joe Melling offered the invocation. **(10:45)**

DECLARATION OF ABSTENTIONS AND/OR CONFLICTS OF INTEREST BY BOARD MEMBERS: None **(11:00)**

APPOINTMENT OF EXECUTIVE COMMITTEE: ▪Hunter explained that the purpose of an Executive Committee is to hold special meetings and review the proposed budget. The Chairman has two additional committee members on the Executive Committee with him. Watson and Jones suggested Paul Cozzens and Tom Stratton to be on the Executive Committee since they are currently Secretary and Vice Chairman on the Board of Directors. Stratton said he would serve. **(13:40)**

Jones made the motion to appoint Paul Cozzens and Tom Stratton to the Executive Committee. Second by Watson. Motion Unanimous at 6:36pm. (14:00)

CONSIDER APPROVAL OF MINUTES FROM THE BOARD MEETINGS HELD JULY 20, 2017: ▪ Joe Melling moved to approve the minutes from the meeting held July 20, 2017. Second by Allred. Stratton, Jones, and Watson abstained due to their absence at the previous meeting. 6:38 pm **(15:25)**

CONSIDER APPROVAL OF PAYMENT OF BILLS AND ADJUSTMENTS FROM JULY 14, 2017-AUGUST 11, 2017:

▪Monroe- Reviewed the Invoice Register and the highlighted items. Gardner Brothers Drilling were paid their last disbursement. The office got two new computers after Monroe's broke down.

Quotes were received by the State Contract and the District's IT person had better prices and warranties on those computers. Watson asked about a plan to change out computers on a regular basis. Monroe said a policy has been talked about in house to rotate out computers. (18:50)
Board Member Hunter moved to approve the payment of bills and the adjustments register from July 14th-August 11, 2017. Second by Melling.
Motion Unanimous at 6:42pm (19:30)

REVIEW 2017 BUDGET-•Monroe- Said the County will issue a large check at the beginning of 2018. Monroe said the District is about two-thirds through the year and will surpass what was budgeted. (21:35) Monroe went over the budget for Conservation Projects which is for the Water Fair and Water Festival and thanked Carollo Engineering and Ensign Engineering for their support of the Water Festival. He also thanked Southwest Plumbing for their keynote sponsorship of the Festival. He said the 2017 Water Festival was the largest one yet and had the most participation at the booths. The District had a booth on aquifer recharge with a working aquifer model. There was interest in learning about water efficient products and how to be more efficient. The whole staff was there and a lot of planning went into that, Monroe said. (25:45) SCADA went down in Chekshani Cliffs. John had been taking parts from old units, but the parts are not made anymore. A new SCADA system will be ordered and that will be about \$5000.
•Juergens-Said the SCADA system will be installed in the next week. The Derby 2 SCADA will need to be replaced next year. (27:30) Discussion about Cedar City's new SCADA system and the costs are discussed for several minutes. (31:00) Watson asked that CICWCD look into a new SCADA system for 2018. Watson said the upfront cost will be more, but money may be saved in the long run with free maintenance. (34:10)

GENERAL MANAGER'S REPORT: •Monroe- Commended the Water Operators and the summer helpers on all their hard work on the system and at the recharge site this summer.
•Hunter-Asked if the recharge project is done. •Feltner-Said they are close. (36:00)

PUBLIC COMMENT: •Roice Nelson- Said at the Groundwater Management Plan Committee meeting, Paul Cozzens asked a question. He had an answer to it and had Nielson pull up a diagram from his website. Cozzens asked how to test the theories Nelson talks about. Roice Nelson put together a five page answer to Cozzens' question, "How do you test these proposed aquifers". Nelson went through what is explained in the response on each page and explained that the only way to test those aquifers are to drill wells to see if there is water there. (53:40) Nelson said CICWCD's Board is like the Texas Railroad Commission and OPEC. He said they have faced many lawsuits for what they are trying to do. (55:50)

•Wayne Lebaron- Said he has a process that changes organic matter into crude oil. In 2005, a study of the Cedar basin showed that 197,000-acre feet of water comes down as rain, he said. Lebaron suggested harvesting the trees and turning them into crude oil. He wants to take out the trees, mow down brush, and increase the water as a result of these processes. (59:50) Lebaron explained that there are processes that can be done to increase water by decreasing vegetation. (1:01:05)

AQUIFER RECHARGE: UPDATE AND DISCUSSION: ▪Monroe- The weir gate has been placed, but has not yet been backfilled. The County will do that work in a few weeks. (37:17) Monroe said the backhoe has worked great and a lot of work has been done with it. Monroe showed a video of the recharge project during a big storm. Because of the flow and debris, the rip rap before the diversion structure did not hold. CMSI will put together a quote for how much it will cost to put new rip rap in, Monroe said. (41:30) ▪Nielson talked about possible options for rip rap. He said the footing is still holding and two-foot boulders and basalt boulders have been discussed. ▪Hall said Cedar City may have basalt left from Coal Creek. Monroe said he will talk to Cedar City to see if they have basalt left. (44:10) Discussion on the recharge project continued for several minutes. (48:00)

AQUIFER BALANCE & WATER DEVELOPMENT PROJECTS: DISTRICT WELL #2: ▪Monroe- Said he will turn the time over to Cozzens when he arrives. ▪Juergens-Said the current goal is to get District #2 running in the next three weeks. (1:02:50) ▪Cozzens- Said the wastewater treatment plan affluent has been discussed with Cedar City. A meeting was held and ideas were prioritized. Cedar City withdraws about as much water out of the Enoch area as Enoch does. Cedar City is talking about recharging in the Enoch area during the summer. Cozzens said it would be an inexpensive and easy project. (1:26:45) Jones showed on a map the area Cedar City is looking at using wastewater affluent in Enoch. ▪Cozzens said the wastewater would be treated to a level one using a sand filter because of e-coli concerns. Discussion on recharging wastewater and power costs continued for several minutes. (1:42:10)

SUBSIDENCE MONITORING: ▪Monroe- Doug Grimshaw sold his business to Steve Woolsey and Woolsey was recommended to continue the survey, he said. Watson said Woolsey is a great surveyor. (1:04:00)

WAH WAH AND PINE VALLEY: ▪Monroe- Said more numbers will be run on the flows in Wah Wah and Pine Valley. The pumping has been completed, he said. (1:05:05) ▪Hunter asked how many wells were drilled and if they are viable. Monroe said seven were drilled and they are all monitoring wells, so they will not be used. ▪Player-Asked if there are static levels available to the public. ▪Monroe-Said he can get those numbers to Player. (1:05:50)

WATER CONSERVATION: ▪Monroe- Talked about possible rebate programs for smart water controllers. He said the State has funding that may be available through grants. (1:07:30) Hall-Said he likes the controllers with the weather station specific to the homeowner's house. He said the difference is about fifty dollars between the two. (1:09:45) ▪Lebaron-At Rush Lake, he has 14 wells that have differing TDS levels. Bedrock is 3000 feet at Rush Lake and Rush Lake can hold 7,000 acre feet of water, he said. He suggested diverting water to Rush Lake. Lebaron said flood water is low in salt and people in Rush Lake could use that as opposed to pumping salty water. Using flood water on crops would create recharge naturally, he said. (1:13:00)

GROUNDWATER MANAGEMENT PLAN AND LOCAL WATER RIGHTS CHANGES: ▪Monroe- Said Senator Vickers and Representative Westwood attended the last Groundwater Management Plan meeting and more efficient irrigation was discussed. It would be wise for the

State to help agriculture users to be more efficient, he said. Monroe referenced studies being done by Kansas State currently. **(1:16:30)** Hunter- Said Tom Baker, a local farmer, converted all of his pivots to bubblers. He has been saving 20-30% of water than he used previously. Hunter suggested Tom Baker could talk to the Board if they would like. Hunter explained how the savings are calculated. He also talked about how the power costs can be saved due to watering at night as opposed to peak times during the day. **(1:21:50)**

BOARD MEMBERS REPORT: ▪Allred-Asked how many more wells will be drilled by New Harmony Ranch in the Chekshani Cliffs area. ▪Jones suggested that they are drilling on provisional permits. Jones said provisional permits allow people to drill to see if water is there, but that is about it. **(1:23:45)**

Paul Cozzens arrived at 7:46pm

Next meeting date: September 21, 2017

ENGINEERING REPORT: ▪ Nielson-None **(1:43:20)**

Board Member Watson motioned to close the regular meeting. Second by Board Member Jones.

Motion unanimous at 8:07 PM (1:43:40)

Roll Call as follows:

Watson-Aye

Cozzens-Aye

Jones-Aye

Allred-Aye

Melling-Aye

Hunter-Aye

Stratton-Aye

Board Member Melling motioned to adjourn the closed session and resume regular session board meeting. Second by Board Member Stratton. Motion Unanimous at 8:56 PM

Board Member Stratton motioned to adjourn the regular session board meeting. Second by Allred. Motion Unanimous at 8:57 PM.