

Approved

BOARD OF WATER RESOURCES MEETING

MINUTES

October 13, 2016

Department of Natural Resources
Auditorium
1594 W. North Temple
Salt Lake City, Utah

TABLE OF CONTENTS

SUMMARY OF BOARD ACTIONS ii

THOSE PRESENT iii

APPROVAL OF THE MINUTES..... 1

SPECIAL ITEM REPORTS 1

DAM SAFETY FUNDING REPORTS..... 2

CLOUD SEEDING PROGRAM REPORT..... 3

LAKE POWELL PIPELINE REPORT 3

WATER CONSERVATION UPDATE 4

DIRECTOR’S REPORT..... 4

SUMMARY OF BOARD ACTIONS

1. Minutes from the August 11, 2016 meeting were approved Page 1

2. The Board voted to authorize the project for the Cluff Ward Pipeline Company and commit funds out of the Revolving Construction Fund, to be purchased at 0% interest over approximately 10 years with annual payments of \$39,100. Page 1

3. The Board voted to commit an additional \$127,000 to the project for Beaver City, with the total bonded indebtedness of \$442,000 to be returned over 15 years at 0% interest with annual payments of approximately \$32,000, (includes reserves). Page 2

4. The Board voted to commit an additional \$177,115 to the project for Daniel Irrigation Company, for a total of \$417,115, to be purchased at 0% interest over 25 years with annual payments of approximately \$16,700. Page 2

5. The Board voted to withdraw the project for Herriman City from further consideration. Page 2

6. The Board voted to commit dam safety grant funds of \$244,125 to the project for Washington County Flood Control Authority. Page 3

7. The Board committed up to \$150,000 from the Revolving Construction Fund for the 2016-2017 Operational Cloud Seeding Program, with a state cost share of 50 percent. Page 3

THOSE PRESENT

The Utah BOARD OF WATER RESOURCES met in regular session on Thursday, October 13, 2016 at the Department of Natural Resources, 1594 W. North Temple, Salt Lake City, Utah. Chairman James Lemmon presided over the 1:00 p.m. meeting.

BOARD MEMBERS PRESENT:

Jim Lemmon, Chair
Steve Farrell, Vice Chair
Dave Humphreys
Charles Holmgren
Stew Paulick
Blaine Ipson
Norm Johnson
Gawain Snow

STAFF MEMBERS PRESENT:

Eric Millis, Director
Todd Adams, Deputy Director
Joel Williams, Assistant Director
Barbara Allen, Secretary
Jim Egbert, Finance Officer
Randy Staker, Accounting Officer
Shalaine DeBernardi, Finance Officer
Tom Cox, Senior Engineer
Russell Hadley, Senior Engineer
Marisa Egbert, Senior Engineer
Jaqueline Pacheco, Engineer
Ben Marett, Engineer
Candice Hasenyager, Hydrology and Computer Applications
Joshua Palmer, Public Information Officer
Paul Gedge, DTS

OTHERS PRESENT:

Douglas V. Moore, Cluff Ward Pipeline Co.
Tamara Moore, Cluff Ward Pipeline Co.
Tracy Allen, J-U-B Engineers
Robin Bradshaw, Beaver City Council
Hugh Barker, Daniel Irr. Co.
Doug Crittenden, Daniel Irr. Co.
Phil Thacker, Daniel Irr. Co.
Ryan Taylor, Daniel Irr. Co.
Mike Shaw, Washington City
Lester Dalton, Washington City
Doug Nielsen, Sunrise Engineering
Briant Jacobs, Weber Basin WCD

Paul Blanchard, Northwest Pipe Co.

MINUTES OF THE
BOARD OF WATER RESOURCES MEETING
October 13, 2016

Chair Jim Lemmon called the meeting to order at 1:12 p.m. and thanked everyone for coming.

APPROVAL OF MINUTES

Blaine Ipson made a motion to approve the minutes from the August 11, 2016 board meeting. Norman Johnson seconded the motion, which passed unanimously.

SPECIAL ITEM REPORTS

#E-388 Cluff Ward Pipeline Company

Chair Lemmon introduced Douglas Moore, Tamara Moore, and Tracy Allen.

Marisa Egbert gave the report. The project is to build a 100,000 gallon storage tank and associated piping to upgrade storage capacity. Ms. Egbert showed pictures of the proposed tank site. The sponsor is asking for committal of funds today.

Douglas Moore said they appreciated the board's consideration of the project. They have received funding from the board in the past and were very pleased with the outcome; they would like to do business again. Tracy Allen said they checked with the Division of Drinking Water and Rural Development for a possible grant, but the terms weren't as good and there was too much work to do to meet the time schedule that was wanted. He said all the connections are metered, and the 19 unused connections are owned by one person. Mr. Moore said an ordinance restricting outdoor water use cannot be put in place for secondary use. They encourage conservation of the secondary water through their rate structure. A restriction could be put in place for not watering during the day using culinary water, and they are working to do that right now. That is a goal and task for their updated water plan.

Dave Humphreys made the motion to authorize the project and commit funds out of the Revolving Construction Fund, to be purchased at 0% interest over approximately 10 years with annual payments of \$39,100. Steve Farrell seconded the motion, and all approved.

#L-575 Beaver City

Chair Lemmon introduced Robin Bradshaw.

Russell Hadley gave the report. The project is to replace the sponsor's canal diversion structure, sluicing structure, and overflow system. The project cost estimate has increased by \$150,000 for a total of \$520,000, primarily due to difficulty encountered while working on the hillside. He showed pictures of the project area.

Robin Bradshaw thanked the board for what they do for the people. He said they had a loan in 1982 for 12 miles of pipeline, and without a board like this they couldn't have done it. This is an agency that works; the money is rolled over for the next guy to use, and it's a good thing. The city has a contractor who is ready to go to work and this will be the final amount requested.

Gawain Snow made the motion to commit an additional \$127,000 to the project, with the total bonded indebtedness of \$442,000 to be returned over 15 years at 0% interest with annual payments of approximately \$32,000, including reserves). Norm Johnson seconded and all were in favor.

#E-370 Daniel Irrigation Company

Hugh Barker, Doug Crittenden, Phil Thacker, and Ryan Taylor were introduced.

Ben Marett gave the report. The project is to pipe about 1.3 miles of open canal. Due to delays in starting construction, material costs increased and consulting fees associated with the required NEPA study were also incurred. Consequently, the sponsor is requesting additional funds of \$177,115 from the board.

Hugh Barker thanked the board, and said this will be a great project and help many. Doug Crittenden said there is a contract that has been awarded pending funding, so they don't anticipate being back before the board again.

Steve Farrell made the motion to commit an additional \$177,115 to the project, for a total of \$417,115, to be purchased at 0% interest over 25 years with annual payments of approximately \$16,700. Blaine Ipson seconded the motion, which passed unanimously.

#E-344 Herriman City

Stew Paulick made the motion to withdraw the project from consideration by the board, as the sponsor has found alternative financing. Gawain Snow seconded the motion and the motion carried.

DAM SAFETY FUNDING

#C-051 Washington County Flood Control Authority

Chair Lemmon welcomed Mike Shaw and Lester Dalton.

Marisa Egbert gave the report. The project is to upgrade the Gypsum Dam debris basin dam to meet current dam safety requirements. The NRCS (Natural Resources Conservation Service) has committed funding of 65% of the cost of construction as well as 100% of the engineering costs to upgrade the dam. Ms. Egbert showed pictures of the project area.

Lester Dalton thanked the board and said there are three debris basins that need to be upgraded. Gypsum will go to bid in December with construction in January, and the other two will be bid

in the spring, probably in March or April. At present all new development is downstream and they are required to retain runoff there. Future development upstream will have the same requirement. The debris basin will continue to handle the natural flows. The reason the basins are being moved up to a high hazard rating is to make sure standards are higher because of the properties now below the dam.

Steve Farrell moved that the board commit dam safety grant funds of \$244,125 to the project; Gawain Snow seconded the motion and all were in favor.

Chair Lemmon welcomed Doug Nielson, Briant Jacobs, Paul Blanchard and anyone else who came in.

CLOUD SEEDING REPORT

Candice Hasenyager presented a report on 2016 cloud seeding activities and proposed activities for 2017. She said the five projects have been run for the past 13-39 years and showed a map of the project areas. 144 silver iodide generators were operated last year, plus three icing rate meters. She showed a video of how a silver iodide generator works, and talked about the precipitation increase (11%) and actual project costs. The state supports the project with a 50% cost share of up to \$300,000 and local sponsors help with funding. Next year's estimated costs total \$547,535; the board would sponsor \$273,768.

In 2007 we received funds from the lower Colorado River basin states, including Central Arizona Water Conservancy District, Six Agency Committee (in California), and Southern Nevada Water Authority to extend the season in the Colorado River basin. They fund anything that will go into Lake Mead or Lake Powell, the three icing rate meters, and a feasibility study in the Abajo and LaSal areas to determine the potential of seeding there. They contributed \$165,000 last year.

Ms. Hasenyager recommended the board commit up to \$150,000 for the 2016-2017 operational cloud seeding program, with a maximum state cost share of 50 percent with local sponsors. She answered questions the board had about the program.

Gawain Snow made a motion to commit up to \$150,000 from the Revolving Construction Fund for the 2016-2017 Operational Cloud Seeding Program, with a state cost share of 50 percent. Dave Humphreys seconded the motion, which passed unanimously.

Mr. Snow thanked Ms. Hasenyager for her presentation to the board members of the Uintah Water Conservancy District last week and said it was very much appreciated.

LAKE POWELL PIPELINE REPORT

Joel Williams said a tour was held in September with FERC (Federal Energy Regulatory Commission) and its environmental consultant, Louis Berger. There were also representatives from the Bureau of Land Management (BLM) and the Bureau of Reclamation, as well as the public. He said it was a good tour, following the alignment of the pipeline. Those who attended

came away benefitting from it and learning more about the project. The division is currently preparing the response to FERC's additional information request, which is due October 24. The Cultural Resources report is still ongoing; it will hopefully be finished by the end of November to submit to BLM for review. It will also be submitted to state offices, the public, and tribes for review. It will be submitted to FERC by late 2017, the last outstanding item to be submitted, so FERC can start its review and process.

Director Millis announced that Mr. Williams has been promoted to the position of Assistant Director of the Division.

WATER USE AND CONSERVATION REPORT

Todd Adams reported on an H2Oath competition between state universities. The competition will run until October 15, and the winning school will receive a scholarship to their water program. Weber State, Dixie State, and Utah State universities have responded very well.

Mr. Adams said that in the collection process of documenting per capita water use about 5% of water suppliers still haven't responded. At this point, the water use numbers appear to be down. Once the final data are received, the report will be turned over to an independent review of both the data and methodology used before setting conservation goals. Mr. Millis and Stew Paulick will report to the Water Development Commission (WDC) and the Natural Resources, Agriculture and Environment Interim Committee next week with the results. The WDC has a subcommittee to create a final draft of the Request For Proposal's to hire an independent contractor to go through and look at that information.

DIRECTOR'S REPORT

Director Millis said one good thing is that we've gotten some extra rain, with a good storm at the end of September that brought the state year-end totals to close or above normal. We hope we get a lot of snow this winter.

We are working through the budget for 2018, to be submitted to Governor's Office and Legislature, asking for additional money to help with conservation efforts through rebate and education programs. The public is responding very well and is increasing conservation efforts.

On the Colorado River – we have a System Conservation Pilot Program (SCPP) that is a precursor to one of the drought contingency planning efforts. We are looking at the effects of a continued drought and how to mitigate that, including implementing additional cloud seeding. The Lower Basin is putting money into that to help themselves, but in the process it helps all of us and the entire system. Another effort is the operation of CRSP reservoirs as they were designed; we would do that as needed to keep levels at Lake Powell up. The third leg of the drought contingency planning is about demand management, and the SCPP gives ways to help curtail some uses in some places on a voluntary basis in dry years. The SCPP program will continue for one more year. A RFP is out now for interest in additional projects that could be put in place. We think that will be helpful.

SLIDE PRESENTATION

Tom Cox gave a presentation on the diversion structure replacement project on the Spanish Fork River to divert water to the Mill Race Canal.

Meeting adjourned at 2:13 p.m.