

**DeWeese-Dye Ditch & Reservoir Company
Board Meeting
PO Box 759
Cañon City, CO 81215**

July 17, 2020

Special Meeting with Upper Ark and Round Mountain to discuss feasibility study updates and gaging station options. President Bolkema called the meeting to order at 10:00 a.m..

Board Members Present:

Dick Poyner
Kenn Estes
Arlin Bolkema
Marc Thompson

Board Members Absent:

Others Present:

Manager Terry Scanga, Upper Arkansas Water Conservancy District
Projects Coordinator Gracy Goodwin, Upper Arkansas Water Conservancy District
Shareholder Tim Madone
Annette Ortega, Secretary/Treasurer

Introductions:

Mrs. Goodwin introduced herself, as she took over for Chelsey Nutter. Welcome to Upper Ark and all in attendance.

Subject #1 Project Update:

Mrs. Goodwin provided a power point hand-out summarizing the feasibility study and the project overview. Currently, partners involved in the process are: DeWeese Dye Ditch & Reservoir, Bureau of Land Management, Division of Wildlife, Upper Arkansas Water Conservancy District, and Round Mountain. Funding is shared among partners:

Basin Account: \$15,000.00
Statewide Account: \$150,000.00
Total WSRF Funds requested (Basin & Statewide): \$165,000.00
Match Funding (not including Basin account): \$60,000.00
Total Project Costs: \$225,000.00

Contributing entities are as follows:

Arkansas Basin Roundtable: \$15,000.00
Upper Arkansas Water Conservancy District: \$20,000.00 (cash & in-kind)
Bureau of Land Management: \$20,000.00 (cash & in-kind)
Round Mountain Water & Sanitation District: \$10,000.00 (cash & in-kind)
DeWeese Dye Ditch & Reservoir: \$10,000.00 (cash & in-kind)

The feasibility study is contracted out to GEI, who is familiar with the Reservoir. We began the process in June, 2019, and awarded the contract to GEI at the beginning of January 2020. Currently, the grant contract from the CWCB is in process. The study is investigating the physical, hydrological, environmental, legal, financial, social and economic feasibility of enlarging the DeWeese Reservoir up to 6'. The purpose of the enlargement would allow DeWeese to provide more storage for additional resources and to better maintain our water delivery system.

The land survey has been completed by Luke Javernick of River Science. As there were some opponents to the survey, some of the components were completed by drone. We are awaiting results of the land survey. Upper Ark requested a map overlay of what it would look like with a 2', 4' and 6' land inundation.

The next steps for our grant are:

- Receive the official contract form the CWCB
- Contract with GEI for engineering
- Needs Assessment/Stakeholder Engagement
- Topographic Survey & Bathymetric survey
- Environmental Impacts
- Evaluate Findings
- Hydrology Analysis
- Dam Improvement Feasibility
- Opinion of Probable Construction
- Final Feasibility Report

Discussion ensued with regard to the status and the tasks at hand. Shareholder Madone inquired of how objectors would be handled, to which Mrs. Goodwin and Mr. Scanga replied communication and transparency with the property owners. Property owners own the land, not the water. There are many options in mitigating any flooding issues; as well as costs of inundation to owners. Letters of notification were sent to the neighboring landowners through cooperative efforts between Mrs. Goodwin and Secretary/Treasurer Ortega.

As part of this grant, a new IDF will be completed for State requirements, as well as for the grant. Board Director Thompson asked what the IDF was based on, to which Mrs. Goodwin replied it is based upon current conditions, and then incorporated into the study, and the calculations will be used in the enlargement. DeWeese Reservoir was constructed to cover our decrees, so storage is extremely important to everyone. There were no major red flags from the environmental survey. A clearing survey will also be conducted in the process. Shareholder Madone inquired about dredging to which Mr. Scanga provided an explanation of that process, as well as costs. Dredging is the most costly option.

Vice President Poyner inquired about the possibility of being able to carry water over, to which Mr. Scanga replied it is not possible, as it is still a one-fill rule. However, there will be less evaporation, and costs will be shared among all Stakeholders. Discussion ensued with regard to the amount of storage vs lease options. Mr. Scanga clarified that we will not be able to store more than what our decrees indicate. Everyone who is cost-sharing will want water in return. Board Director Estes pointed out that we may not have more water, but we should be able to increase revenue enough to improve our delivery system.

Board Director Thompson had concerns about what DeWeese liability would be to Stakeholders in a bad year, to which Mr. Scanga replied we still have what we are decreed. Discussion ensued with regard to negative aspects of the enlargement. Mrs. Goodwin explained that we are still in the study phase, and have many more pieces to complete in obtaining the answers we need to make good decisions.

Subject #2 Gaging/Telemetry System:

In our last meeting with Jord, three options were discussed:

- ⊕ Install a measuring device up-gradient of the first shareholder diversion within a piped section
- ⊕ Install a measuring device below the sand trap near the headgate
- ⊕ Meter the two Shareholder diversions up-gradient of the existing flume separately, then replace and raise the Parshall Flume at the current location while improving the ditch capacity up and down gradient.

The Board had decided on option #3. Vice President Poyner had discussed a weir at the end of our existing pipe, then put a division to Grape Creek and pipe back into the ditch. The pipe from the end of the weir if 400' to our existing pipe. Would like to have 32 cfs, 36" pipe or bigger, and would probably have to be squash pipe. Vice President Poyner will provide more accurate measurements for the project. Discussion ensued with regard to an exchange of storage for the gaging system costs/completion. Mr. Scanga provided thoughts about design and flow. Mr. Scanga will speak with Jord Gertson in moving forward with project costs.

Adjournment: With no other business to consider, the meeting was adjourned at 11:43 am.

Respectfully submitted,

Annette Ortega
Secretary/Treasurer