

GARRISON DIVERSION CONSERVANCY DISTRICT
ENGINEERING & OPERATIONS COMMITTEE

Alerus Center
Grand Forks, North Dakota
July 13, 2021

A meeting of the Engineering & Operations Committee of the Garrison Diversion Conservancy District was held at the Alerus Center, Grand Forks, North Dakota, on July 13, 2021. The meeting was called to order by Chairman Vein at 7 p.m.

DIRECTORS PRESENT

Board Chairman Alan Walter
Committee Chairman Ken Vein
Director Cliff Hanretty
Director Jim Pellman
Director Mike Tweed
Secretary Kip Kovar

OTHERS PRESENT

Staff members of the Garrison Diversion Conservancy District were present along with others. The registration sheet is attached to these minutes as Annex I.

The meeting was recorded to assist with compilation of the minutes.

READING OF THE MINUTES

Motion by Director Tweed to dispense with a reading of the February 9, 2021, Engineering & Operations Committee minutes and approve them as distributed. Second by Director Hanretty. Upon voice vote, motion carried.

MCCLUSKY CANAL REFERENCE MAP

Ryan Anderson, Engineer, Garrison Diversion, referred to the McClusky Canal map, stating this is provided as a reference for canal locations.

2020 WORK PLAN REVIEW

McClusky - - Darren Murray, Superintendent, Operations & Maintenance (O&M), Garrison Diversion, provided a review of the 2021 work activities performed by the O&M crew at McClusky and New Rockford sites, which included a slide show presentation. Regular maintenance at this time consists of mowing, grading and spraying.

Snake Creek Pumping Plant - - Dustin Offerdahl, Plant Supervisor, Snake Creek Pumping Plant (SCPP), updated the committee on the accomplishments at the SCPP via PowerPoint.

Projects included:

- Major cable transformer project completed
- Repair to discharge doors for 2021 pumping operations
- Plant tours and inspections
- Working with Reservation Telephone Co-op (RTC) along the pipe route to upgrade the phone line and fiber optics at the facilities that will both serve SCPP and the future NAWS route

Mr. Offerdahl reported to date, five pumping operations have taken place at SCPP. It appears Lake Audubon is ready for the sixth. The first operation was April 6, which is about a month earlier than normal. To date 51,752 acre-feet has been pumped. Pumping will continue until mid-August.

The timeframe for pumping operation is first ice off until Labor Day. The lowest level allowed is 1,846.80 feet on Audubon, and the highest is 1,847.20 feet. Three pumps can be run for 24 hours. Each pump pumps approximately one million gallons a minute.

Mr. Offerdahl stated a water management deviation plan has been submitted to the Corps of Engineers for the Lake Audubon discharge project. That plan will be based on lowering Lake Audubon roughly in the middle of August by six feet. This will bring the lake from the current level of 1,847 to 1,841 feet. This will allow repairs to be made to the wing wall, which was damaged by ice. It will also allow the Corps of Engineers to repair the embankment, which is sloughing on Highway 83.

Mr. Offerdahl said it will take 40-45 days to lower the lake to 1,841 feet. October 1 to November 1, 2021, will be the construction period for our repair and the Corps' repair. Game and Fish will also be doing some repair to boat ramps during that time. Pumping will start back up on November 1 until 1,845 feet is reached for winter elevation.

Mr. Offerdahl also provided a review of the general maintenance and facility operations at the plant.

New Rockford - - Kip Kovar, Secretary, reported that minimum maintenance work continues at the New Rockford site consisting of cleaning drains and culvert repair, etc.

MCCLUSKY CANAL SLIDE REPAIR

Mr. Anderson provided a PowerPoint update and shared photos and drone footage of the slide repair work taking place along the McClusky Canal.

Mr. Anderson said it was a good year for construction on the slide repair project. Work began April 13, 2020, and went until January 14, 2021, starting up again March 9, 2021. To date, approximately 120,000 loads were hauled equaling two million cubic yards. This year almost 17,000 loads have been hauled, which equates to 300,000 cubic yards. The project is approximately 75 complete.

The approved budget for the slide repair project is \$17.5 million. Approximately \$3.5 million has been spent. This does not reflect the trenchless tunneling project, which will account for about \$3 million.

Mr. Anderson informed the committee Minger Construction is on site and performing the tunneling work. They have installed two trenchless crossings and began installing the third one yesterday. He concluded his report with photos and a 3-D video showing the tunneling process being completed by Minger Construction.

FIVE-YEAR WORK PLAN & BUDGET

Mr. Anderson referred to the Five-Year 2021-2025 OM&R Work Plan, which was approved by the committee at its last meeting. This lays out the O&M job duties, along with milestones and completion dates , and is provided for the committee's reference.

COOPERATIVE AGREEMENTS

Mr. Kovar said the operation and maintenance work has moved to an O&M Transfer Agreement, which is going really well. This includes the SSCP, McClusky Canal from Mile Marker 0-59, and New Rockford. The remaining portions of the McClusky Canal remain with the Bureau of Reclamation.

The Pre-Slide Construction Agreement is still under a cooperative agreement and will expire this fall.

The Five-Year Slide Repair Agreement is also through a cooperative agreement until 2022.

2021 EQUIPMENT INVENTORY

Mr. Kovar referred to the 2021 O&M Master Equipment List. This lists the equipment owned by Garrison Diversion and is provided for the committee's information.

OTHER BUSINESS

There being no further business to come before the committee, the chairman called for a motion to adjourn.

Motion by Director Pellman to adjourn the Engineering & Operations Committee meeting. Second by Director Walter. Upon voice vote, motion carried.

Time of adjournment was 8:10 p.m.

(SEAL)

Kenneth Vein, Chairman

Kip Kovar, Secretary

