

Devils Lake Outlets and Structure Update August 26, 2011

Existing West End Outlet

- Outlet was started on May 26, 2011 and was run at 125 cfs
- On June 8, 2011 outlet pumping was increased to 250 cfs
- On July 18th one 50 cfs pump at Joesephine pumping plant went down
- Pumps output 200 cfs from July 18th to August 2nd when pumps were turned off due to high runoff flows in the Sheyenne River
- On August 8th pumps were turned back on and run at 200 cfs
- On August 15th one 75 cfs pump at Joesephine went down and flow was reduced to 125 cfs
- On August 22nd the second 50 cfs pump at Joesephine went down and the pumping is now at 75 cfs.
- The three pumps have been sent back to California for repairs
- The calculated releases from the outlet for May through July, 2011 is 27,000 ac-ft – that is 1.6 inches off the 205,000 acre lake
- The latest sulfate test from August 9th sample is 237 mg/L below Baldhill Dam

Proposed East End Outlet

- Design of outlet from Bartlett and West continues.
- 96 -Inch diameter pipe is being delivered to the site
- The Contractors for installation work were pre-qualified
- The contract for acquisition the pumps has not been finalized
- The contract for acquisition of the valves has been finalized
- The pipe installation bid has been awarded to Garnie Construction for just under \$8,000,000
- Easements have been acquired from the most to the pipeline, however condemnation is required for both the inlet and the outlet areas

- Ottertail Power is anticipated to be the supplier for the project, however, this requires a decision from the N.D. Public Service Commission
- The bid opening for the Intake Structure and pump installation is scheduled for September 16, 2011 – the estimated cost is \$13,000,000.
- The bid opening for the Outlet Structures is expected to be in later September 2011. The estimated cost of this work is \$6,000,000.

Proposed Tolna Coulee Control Structure

- The design of the structure has been completed by the Army Corps.
- The “Bid Opening” of the project is slated for September 13, 2011
- The Invitation to Bid has been changed to Request for Proposal
- Condemnation procedures will be required for the area of the structure
- Federal funding is not in hand at this time but will be made available

Proposed Emergency Water Transfer Gravity Channel

- Devils Lake Basin Joint Water Resource Board Members are the sponsors
- Wetland Delineations are to be performed in the week of August 29th
- Geotechnical drilling will be performed by SWC drilling rig
- Route has been chosen to avoid as many of wetlands as possible
- Landowners have been contacted, landowners have not all given permission
- U.S. Fish and Wildlife easements for area has been investigated
- Structure at County #4 will consist of bridge, control structure and screen