

## USACE December 2021 Report

1. The Dredge Goetz crew has finished winterizing all the equipment and have removed the tender vessels from the water. The contractor is currently onsite removing the Goetz main engines to be overhauled. The Warioto (tow boat in the Goetz fleet) steering is being replaced at Brennan Marine. All mechanical dredging plants are demobilized for the season.
2. Lower Pool 2 Channel Mgmt Project: Phase I is complete and appears to be working as designed as it is scouring the channel. Phase II: Dredging portion; The primary constraint to do the expanded dredging in all of Lower Pool 2 is placement site capacity. We are currently evaluating our 2020 conditions compared to the conditions identified in Phase II of the plan, we hope to identify a percentage of available channel soon. **\*No Change\***
3. Pool 2 Pigs Eye Lake Project: Contract was awarded to LS Marine on 25 June 2021 for \$14.7M. The project will restore and enhance backwater habitat by creating island and wetland features on Pigs Eye Lake using more than 400,000 cubic yards material dredged from the Mississippi River for maintenance of the navigation channel. Work is expected to begin after fish spawning restrictions have concluded on June 15<sup>th</sup>, 2022 with completion expected by the end of 2025. **\*No Change\***
4. Lock 2 dam tainter gate chain replacement started during the 2021 navigation season and has ended for the season. Work will continue during the 2022 navigation season, no impacts to navigation stakeholders. **\*No Change\***
5. Lock and Dam 5A and 8 miter gate installation: New miter gates will be installed during 2022 navigation season during multiple scheduled 12-hr closures, dates TBD. **\*No Change\***
6. Lock and Dam 6 dewater: The chamber was dewatered on 4 December. The crews are currently cleaning the chamber floor, preparing miter gate #4 for lifting and miter gate #2 for heat straightening. Once the floor has been cleaned the survey crew will survey the floor. The heat straightening contractor led an onsite meeting on 13 December to prepare for straightening MG 2 starting 3 January. Rock Island District is fabricating new pin plates for the miter gate anchorages. Engineering is onsite inspecting the vertical walls. WXOW was onsite 14 December. Work will be completed during non-navigation season.
7. Lock and Dam 9, Lower bullnose concrete and steel repair: Work to be completed during non-navigation 2021-2022. Work will be completed prior to start of navigation. **\*No Change\***
8. Locks 5A, 8, and 10 miter gate anchorages: Contract awarded to Kaiyuh Services, LLC. Construction of Locks 5A and 8 will take place during non-navigation season 2021-2022. Construction of Lock 10 will take place during non-navigation season 2022-2023. **\*No Change\***
9. Lock and dam tow rail design and replacement, Locks 4, 5, 5A, 6, 8, and 9: Contracts awarded to Kraemer North America. Construction at LDs 5, 5A, 6, LD 8 and LD 9 is complete. LDs 4 and 7 are scheduled for non-navigation season 2021-2022. **\*No Change\***

10. Lock Winter Closure dates; all sites closed on 28 November 2021 expected to reopen for traffic 17 March 2022 for Locks 4, 5A, 6, 7, 8 and 10.
11. Pool 2 DMMP: The report has been approved and we have started implementation. The Grey Cloud Island landowner has formally rejected the maximum fee title offer made. Efforts are now focused on pursuing less than fee alternatives. **\*No Change\***
12. Pool 4 DMMP: The City of Wabasha provided their comments on the DRAFT Sec 217 agreement to MVP staff on 16 NOV and discussed their comments with MVP staff on 17 NOV. Each entity is now reviewing the comments and items discussed, internally. The next meeting between the City and MVP staff is anticipated to be mid-JAN. The DRAFT Pool 4 DMMP report is currently going through internal reviews (DQC, ATR, MVD). It is anticipated that the next DRAFT report will be released for Public Review mid/late FEB 2022.
13. Upper Pool 4 Pierce County Islands 1122 Project update: PM is MAJ Nick Voterro. Lake Pepin has been significantly affected by sedimentation and degraded water quality associated with high suspended sediment concentrations. The effects of wind wave action and recreational boat wakes are exacerbating the problem by resuspending sediment. The recent trends of higher flows have contributed to the problem through shoreline erosion. This project will construct four peninsulas, a WLM dike with a water control structure, two backwater dredge areas, three areas of shoreline protection, mudflats, access dredging, and access road with beneficial use of up to 400k cy from Reads Landing transfer site. PPA with Wisconsin was signed in August 2021; the PDT is currently reviewing the 65% draft plans and specs, hoping to have 95% draft P&S in May, advertise in June, award in Sep, construction estimated to complete in 3.5years (summer 2026).
14. Pool 5, Rolling Prairie site: St. Paul District team is developing a long-term use plan for the entire ~1000 acres IDing future farming, wetland preservation and restoration & beneficial use areas; plan to have out for public review this winter (after 1<sup>st</sup> of the year). **\*No Change\***
15. Pool 6 DMMP: St. Paul District and the City of Winona continue to work on a potential Section 217 (Public-Private Partnership) agreement; the key is a potential barge off-loading area in the Winona Commercial Harbor in order to reach properties interested in the bene use of our material. Beach Construction (North Branch, MN) began the unloading of up to 50,000cy of material from our Homer site on 08 Nov and anticipate completion by 23 Dec; so far the site unload is going well, no major issues or complaints. St. Paul District continues to work with Canadian Pacific Railroad and MnDOT to make safety improvements at our Homer upland placement site; construction improvements could begin as soon as summer 2022.
16. Pools 9 & 10 DMMPs: A few members of the MVP PDT inspected a few of the suggested placement sites offered up during the Public Scoping meeting held in JUN. As suspected most were wetland so placement will be a challenge. The team continues to develop a matrix of placement sites alternatives.