

USACE Report February 2022

1. The dredge Goetz crew is making progress on conducting maintenance activities during the offseason. The PLC and engine overhaul projects on the dredge Goetz are still on schedule. We may see a slight delay of the M/V General Warren HVAC project. The lead-time on some equipment is greater than expected. The Goetz fleet will be prepared for the dredging season by 30 April.
2. Lake Pepin Ice thickness surveys began yesterday 16 February, next readings will be Tuesday 22 February – thickest point was 21”. All readings are posted here: <https://www.mvp.usace.army.mil/Missions/Navigation/Ice-Measurements/>
3. 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 Lower Pool 2 is placement site capacity. ***No Change***
4. 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 15th, 2022 with completion expected by the end of 2025. ***No Change***
5. 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***
6. Lock and Dam 3 - One miter gate anchorage in need of immediate repair due to section loss, repair plan underway.
7. Lock and Dam 4 – One miter gate anchorage in need of immediate repair due to cracking, repair plan underway.
8. 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***
9. Lock and Dam 6 dewater: The chamber was dewatered on 4 December. Heat straightening of miter gate steel completed. Inspection and replacement of miter gate components and concrete repairs ongoing. Concrete demo for anchorage pin plate install underway. Work will be completed during non-navigation season.
10. Lock and Dam 9, Lower bullnose concrete and steel repair: Work paused due to staffing needs on higher priority projects. Potential for locking restriction to remain for navigation season as noted on channel condition report; **LD9**: Be advised to stay clear of the bullnose section of the lower guide wall as it contains unprotected concrete and potential for exposed steel. All tows transiting the lock should avoid landing or rubbing on the exposed section which is primarily on the river side and tip of the bullnose.

11. Locks 5A, 8, and 10 miter gate anchorages: Contract awarded to Kaiyuh Services, LLC. Construction will take place during non-navigation season 2021-2022.
12. Lock and dam tow rail design and replacement, Locks 4, 5, 5A, 6, 7, 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.
13. 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. ***No Change***
14. 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***
15. 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 in early MAR. 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 MAR 2022.
16. 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). ***No Change***
17. 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 late this winter. ***No Change***
18. 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. The DRAFT 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 in mid/late spring 2022. 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.
19. Pools 9 & 10 DMMPs: The team continues to develop a matrix of placement sites alternatives.