

FOREST LAKE PROPERT OWNERS ASSOCIATION

SPILLWAY REPAIR PROJECT UPDATE

AUGUST 13, 2022

Recent events related to the Spillway Repair Project are as follows:

- Construction of the temporary siphon system and the access road began on July 5, 2022.
- Floodplain modeling information and associated hydraulic calculations were submitted to EGLE for review on July 21, 2022. EGLE completed their review of the submittal and transmitted a correction request to Lapham Associates late on Monday August 8th. The floodplain modeling information was accepted except for a few minor questions. However, the Dam Safety Unit has requested additional technical information to justify the proposed design approach for the energy dissipation section of the spillway.
- EGLE initially indicated that a second twenty one day Public Notice period would be required before a permit could be issued. We requested that a waiver be granted for the second Public Notice and EGLE has agreed. However, although it seems unlikely, the additional Public Notice could still be required depending on the response to the corrections request.
- Lapham Associates is currently preparing another submittal to address the EGLE correction request and a request from USDA/NRCS for documentation of the standards and codes used for the reinforced concrete design. The response to several of the comments has been completed and Lapham's sub consultants are also working on some of the responses. A meeting will be scheduled next week with EGLE to review the proposed response to the correction request prior to making the submittal. A schedule for the next submittal and issuance of the permit is not available at this time.
- Fisher Contracting completed the construction of the siphon system and access road at the end of July. The siphon system was started up on August 4th, final adjustments were completed on August 9th and the 18" siphon is currently operating at partial capacity in order to maintain a lake level slightly below winter level.
- Fisher Contracting is no longer working on site. Fisher Contracting has a subcontract with the siphon system supplier based on a monthly fee for rental and use of the system. The lump sum fee for the siphon system that was included in the bid was based on approximately four months operation of the siphon after the siphon system installation and start up was complete. Due to the delay in the start of spillway construction additional operation of the siphon system is required which results in an increase in the project cost of approximately \$2,100 per day until the final EGLE permit is issued. The extra cost should be eligible under the grant.
- Chain link fencing and a gate will be installed at the entrance to the access road at the campground road. The access road and the entire construction area is off limits to all unauthorized personnel.

- Work will begin on the spillway immediately after the final construction permit has been issued and some construction work may have to be completed next spring. An updated schedule will not be available until the EGLE permit is issued and USDA/NRCS accepts the final documents and construction resumes.
- The Contractor has completed the majority of shop drawing submittals for the project and some material orders have been released. Precast concrete structures for the storm sewer system have been delivered to the site.
- The project cost will also increase due to post bid revisions made to the construction documents as a result of EGLE and USDA/NRCS requests and comments. These extra costs should be covered by the contingency fund included in the grant.
- Fisher Contracting has submitted the first progress payment request in the amount of approximately \$222,000. The amount due is approximately \$200,000 after deduction of the standard 10% retainer. The payment request has been approved and forwarded to Arenac County for payment. Seventy five percent of the amount will be paid with USDA grant funds and the remainder will be paid with FLPOA funds previously transferred to Arenac County.

Forest Lake Property Owners Association Board of Directors