

FOREST LAKE DAM SPILLWAY UPDATE

August 1, 2020

Updated information regarding the spillway is as follows:

- Preliminary design concepts and costs for the spillway repair have been prepared by our consulting engineer and the information has been submitted to the USDA Natural Resources Conservation Service and the State of Michigan EGLE Dam Safety Unit. The information is currently being reviewed and some questions/comments have been submitted by the EGLE Dam Safety Unit. Our engineer will respond to the questions and will update the design concepts and costs as required.
- The proposed preliminary design concept is to construct a new concrete tail water flume with increased hydraulic capacity. The flume would extend from the dam structure to the approximate location of the end of the remaining flume section. Flow discharged from the flume would cascade down a waterfall arrangement and flow to a plunge pool at a lower elevation. The waterfall section would be constructed of precast concrete wall sections and heavy rip rap. The existing weir structure would be utilized to maintain the level in the plunge pool and discharge flow to Wells Creek and the Rifle River. Additional information and the estimated cost will be provided after the design concepts are updated and approved by EGLE, USDA and the FLPOA Board.
- The Arenac County Emergency Manger is assisting the FLPOA Board with our USDA and FEMA grant applications. The USDA is currently evaluating our project to determine if it is eligible and the FEMA application for disaster assistance will be submitted in the near future. Other funding options are also being investigated.
- Soils investigation work by our consulting engineer is complete and the soils report was received by our engineer. The report indicates that the embankment soil conditions are acceptable and the dam road is reopened to traffic with speed, parking and load limit restrictions. Please comply with the road restrictions in order to reduce the potential for damage to the embankment or dam structure.
- The engineer has completed a topographical survey of the spillway area.
- The dam is still functional and the lake will normally remain at the current level for the remainder of the summer season. The lake level may increase during major rain events since the discharge flow rate from the dam must be controlled to prevent further damage to the tail water flume. Property owners should be aware that the lake level could rise above the normal summer level if a major rain event occurs.
- In the near future the Board will be issuing a Request for Proposal for Engineering Services required for preparation of Contract Documents for the project. The Board intends to keep the design phase moving forward at the same time we are attempting to procure funding. Please be patient. There are many phases in the design, funding, permitting, bidding and construction of this project.
- Property owners that sustained damage during the flooding which occurred between May 16-22 can apply for assistance at www.Disaster Assistance.gov
A news release from FEMA which provides additional information will be posted on the Forest Lake website.

Forest Lake Property Owners Association Board of Directors