Project Charter
School Section Lake Berm Repair & Outlet Structure Upgrade

Objective:
Complete the repair of the earthen dam and upgrade outlet structure for School Section Lake by March 2019, in cooperation with other lake management efforts (see below).

Project Overview / History:
School Section Lake is located in Sections 16 and 17, Town of Ottawa, Waukesha County. It is a 122-acre impoundment built in 1938 and supported by a 3,000-foot long earthen berm. There is a 22-foot wide concrete outlet structure with wood stop logs to control the lake water level and outflow. Waukesha County currently owns both the earthen berm and outlet structure.

On January 25, 2018, a 20-foot wide breach was discovered on the earthen berm about 400 feet north of the outlet structure, believed to be started/caused by muskrat burrows. To eliminate flow in the breach area, and prevent total berm failure, all the stop logs were slowly removed in the outlet structure over the next week to draw down the lake level approximately 30 inches. This process was completed on February 1, 2018, and the breach was stabilized. Public access to the lake was closed on January 25 due to dangerous ice conditions. *(Note: The stop logs in the outlet structure were originally scheduled for replacement in fall of 2018 in cooperation with a planned lake drawdown over the following winter to control AIS in the lake.)*

To ensure good communication and help coordinate project activities, key project participants will serve on a technical advisory team (listed below). A draft task list and timeline to complete this project is shown in Attachment A. As the project proceeds, and is coordinated with other lake management efforts such as AIS control and fish management, the task list and timeline may evolve and be updated.

Technical Advisory Team (invited):*

1. Perry Lindquist, PLU Land Resources Manager - Chair
2. Leif Hauge, PLU Senior Civil Engineer
3. Brad Steckart, PLU AIS Coordinator
4. Chris Fandre, PLU Park Supervisor
5. Kevin Yanny, DPW Senior Civil Engineer
6. Mark Steinfest, NRCS Civil Engineering Technician
7. Michelle Hase, WDNR Water Regulation & Zoning Engineer
8. Ben Heussner, WDNR Fisheries Biologist
9. Heidi Bunk, WDNR Water Resource Management Specialist
10. Frank Arndorfer, Chairman, School Section Lake Management District
11. Dale Buser/Tom Slawski, SEWRPC Environmental Planning Division

* *PLU = Waukesha County Department of Parks and Land Use*
DPW = Waukesha County Department of Public Works
WDNR = Wisconsin Department of Natural Resources
NRCS = United States Department of Agriculture – Natural Resource Conservation Service

Reference: Lake Protection Plan for School Section Lake (SEWRPC, 2014):
http://www.sewrpc.org/SEWRPCFiles/Publications/CAPR/capr-319-lake-protection-plan-for-school-section-lake.pdf

3/5/2018