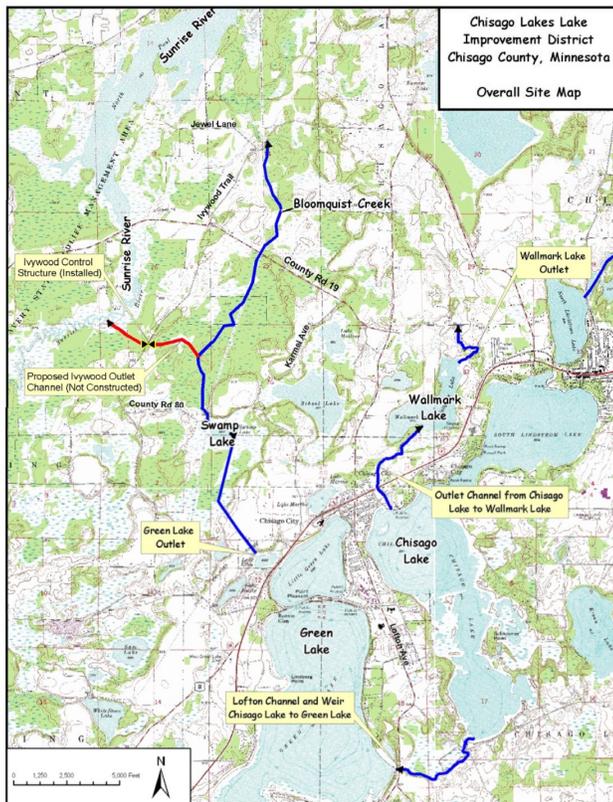


DITCH AND WEIR MAINTENANCE



The Chisago Lakes ditch and weir system was established in 1987 to provide an outlet during times of high water. The Lake Improvement District is responsible for maintaining the ditches and weirs. The system is inspected for functionality on a regular basis and necessary repairs are made. As part of this process, aquatic plants in the ditches are controlled so they do not inhibit drainage through the system.

Partners:

- Chisago Lakes Lake Improvement District
- Emmons & Olivier Resources, Inc.

Status:

Routine inspections and maintenance performed on system.

Lake Ellen weir is scheduled for maintenance in the spring of 2015 due to debris build up.

Overall the system is well maintained and functioning.

The lakes within the Chisago Chain of Lakes are connected either through surface water tributaries or groundwater inflow/outflow. The principle outlet is located at Lake Ellen. The outlet at Lake Ellen and the outlet from Chisago to Green Lake are controlled by weirs which are opened only during times of high water. A secondary outlet from Chisago to Wallmark Lake is controlled by a stationary weir.



In 2014 the Lake Ellen weir was opened and operated for a short period of time in the spring due to high water levels on Green Lake, Little Green Lake, and Lake Ellen. Build up of debris around the Lake Ellen weir was noted during routine inspections and removal of the debris is scheduled for spring 2015.

