

## Lake Size

32 acres

## Date of Application

September 2015

## Project Sponsor

City of Eagan

## Project Reference

Eric Macbeth

City of Eagan

Eagan, MN

emacbeth@cityofeagan.com

651-675-5300

## LeMay Lake, MN

**LeMay Lake** is a 32-acre lake located in central Minnesota in the town of Eagan. Wenck Engineering conducted a water quality study and found the lake was degraded by high rates of internal phosphorus loading. The City of Eagan contracted with HAB Aquatic Solutions to apply 9,853 gallons of liquid aluminum sulfate and 4,927 gallons of sodium aluminate over one day in the fall of 2015. Post application, average summer total phosphorus fell 68% to 24 µg/L, chlorophyll dropped 75% to 6.5 µg/L and water clarity increase 3.25 feet to 8.5 feet. LeMay now meets and exceeds meets water quality standards and TMDL goals (see graph below).

