

Lake Size

32 acres

Date of Application

September 2015

Project Sponsor

City of Eagan

Project Reference

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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 water quality standards and TMDL goals (see graph below).

