

SUBJECT

BOARD RESOLUTION NO. 17-1429

Pertaining to an Agreement with Vadnais Lake Area Water Management Organization to provide a \$5,000 contribution towards the cost of a study to determine best practices for alum treatment of Goose Lake in the city of White Bear Lake.

BACKGROUND INFORMATION

Water from Goose Lake finds its way into Vadnais Lake through Lambert Creek. Goose Lake is on the State of Minnesota Impaired Waters List for high nutrient levels, primarily for Total Phosphorus and Total Maximum Daily Load. Improvement in Goose Lake water quality may potentially provide improvement to the quality of Vadnais Lake water.

VLAWMO's 2017 10-Year Watershed Management Plan prioritizes the reduction of Goose Lake TP by means of alum treatment. In order to determine the proper alum dosing requirements and develop a more accurate cost estimate for the alum treatment, VLAWMO desires to hire Barr Engineering Co. to conduct sediment analysis at a cost of \$10,000, towards which VLAWMO is seeking a contribution of \$5,000 from the Board.

See attached Location Map and proposed Agreement.

RECOMMENDATION

Approval is recommended.