



800 East County Road E, Vadnais Heights, MN 55127  
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## Request for Proposal – Feasibility Study for Lake Nutrient Reduction in Goose Lake and Wilkinson Lake

Contact: Kristine Jenson, Project Manager; kristine.jenson@vlawmo.org; 651-204-6074  
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VLAWMO is looking for assistance in determining the best projects for achieving significant nutrient reductions in two of the lakes within the watershed, along with estimated costs and a cost-benefit analysis. It is a priority of VLAWMO to address threatened or impaired waters and work towards the delisting of those waters through projects and programs that address nutrient loading. VLAWMO would like to focus efforts on Goose Lake and Wilkinson Lake, both impaired for nutrients, within the next 5 years. Both lakes have a completed TMDL study and approved implementation plan. Additionally, Sustainable Lake Management Plans and retrofit analysis studies have been completed and there is considerable monitoring data available. Goose Lake and Wilkinson Lake are in separate subwatersheds and each have unique characteristics. The TMDL study indicates that Goose Lake's primary nutrient loading is likely from internal sources while Wilkinson Lake's loading shows a stronger drainage area source. It should also be noted that Goose Lake has two basins (East Goose and West Goose) and they have different TMDL results and goals.

Deliverable: the consultant will provide VLAWMO with a feasibility report outlining projects and/or programs which will provide the best possible nutrient reductions by February 28, 2017. The report will include cost estimates and cost-benefit analysis for each project or program. Where phasing of a project is appropriate, it should be included to address potential adaptive management or funding constraints. The report will be delivered to the VLAWMO Technical Evaluation Commission at its April 26, 2017 meeting for recommendation to the Board of Directors at its date meeting.

### Anticipated Tasks:

1. The consultant will review all existing material to familiarize themselves with the watershed and individual characteristics of each lake and subwatershed.
2. The consultant will meet with VLAWMO staff to gather more information and visit the waterbodies. Follow-up emails and phone calls are expected to clarify any additional questions.
3. The consultant will provide a report that provide a listing of projects and/or programs that they have determined would provide the best water quality benefits for each lake, given their unique characteristics. Included with the list will be a general description for each identified project/program, the estimated costs and timeline to implement the project/program, and any additional information that would need to be gathered before implementation.
4. The consultant will attend one Technical Evaluation Commission meeting and one Board of Directors meeting to discuss their report and answer questions.

Please submit letters of interest (either digitally or hard copy) with qualifications, scope and cost of service to Kristine Jenson at VLAWMO office, East 800 County Road E, Vadnais Heights, MN 55127 **no later than November 21, 2016.**