



MEMORANDUM

Comfort Lake-Forest Lake Watershed District

Date: July 13, 2023
To: CLFLWD Board of Managers
From: Mike Kinney, District Administrator
Subject: Forest Lake Alum Treatment Contract Award



Forest Lake
Management District

Background/Discussion

On May 11, 2023, the Board ordered the Forest Lake Alum Treatment Project and directed the Administrator to solicit bids for the work. The purpose of this agenda item is for the Board to consider awarding the contract for the Project.

Project Funding and Summary

The Forest Lake Alum Treatment is a capstone project to achieve water quality goals in Forest Lake, with an estimated phosphorus removal of 527 pounds per year. Projects are in place to achieve the majority of necessary *external* nutrient reductions in the surrounding watershed.

This project will address *internal* phosphorus loading. The alum treatment will occur over the course of two doses, the first in September 2023. The Watershed District will monitor the lake throughout 2024 to evaluate alum effectiveness. The second dose will occur in September 2025, if needed, based on monitoring data.

The engineer's estimated cost for the Project is \$667,000, with the alum treatment itself estimated at \$590,000. Of this amount, a Clean Water Fund grant will supply \$533,600. The remainder would come from the District ad valorem tax levy on real property within the watershed, apportioned between Chisago and Washington Counties in accordance with the net tax capacity of each. The 2023 budget line item for this project is 5-228-F (Forest) Internal Load Management and contains \$300,000 which is anticipated to be sufficient for this year.

With bidding complete, the new estimated cost for the Project is \$602,000. As such, the District may be able to complete the project and not spend the entire Clean Water Fund grant. Regardless, the District must meet the minimum match of 25% of the grant spent.

Outreach Update

Staff provided an update on project outreach at the May 11th meeting. Since then, the following outreach tasks have been completed:

- Alum treatment information sessions held on Saturday, June 24th; Thursday, June 29th; and Saturday, July 15th.



MEMORANDUM

Comfort Lake-Forest Lake Watershed District

- Presentation at the May 17th Forest Lake Lake Association meeting.
- Presentation at the June 20th Forest Lake City Council meeting.
- Information sharing and conversations with locals at weekly Forest Lake Arts in the Park events on Tuesday nights.
- Multiple posts on social media (Facebook, Nextdoor, Instagram).
- Forest Lake Lake Association shared information about the alum treatment on their social media and in their email listserv.
- Article published in the June 9th edition of the Forest Lake Times.

Solicitation of Bids

The bid acceptance period was open from June 16–July 13, and notice was posted online and in the District’s official newspapers. The outcome of these postings resulted in a winning bid by SOLitude Lake Management.

For its two prior in-lake alum treatments on Moody Lake and Shields Lake, the District worked with HAB Aquatic Solutions, and we had a positive experience working with their staff. In February of 2022, HAB Aquatic Solutions transitioned ownership to SOLitude Lake Management. If the District chooses to contract with SOLitude, we expect to be working with most of the same people that staff worked with on past alum treatment projects.

As described in the accompanying memo, EOR has reviewed the bids and finds SOLitude Lake Management to be a responsible contractor. It is recommended that the contract be awarded to SOLitude Lake Management in the amount of \$524,582 by way of adopting resolution 23-07-01. This bid is notably lower than our estimated cost of \$590,000. The project may come in under budget overall, or the District may be able to shift some of the grant dollars toward additional outreach, depending on need.

Recommended Action

Proposed Motion: Manager _____ moves to adopt resolution 23-07-01. Seconded by Manager _____.

Attached:

- Resolution 23-07-01
- Engineer’s Memorandum

**COMFORT LAKE-FOREST LAKE WATERSHED DISTRICT
BOARD OF MANAGERS**

RESOLUTION 23-07-01

**AWARDING the CONTRACT for the
FOREST LAKE ALUM TREATMENT PROJECT**

Manager _____ offered the following resolution and moved its adoption, seconded by Manager _____:

WHEREAS the District has adopted a watershed management plan (WMP) in accordance with Minnesota Statutes §103B.231, which, in project 5-228-F, indicates the District will conduct alum or other in-lake treatment to reduce internal load of one or all of the basins of Forest Lake (hereafter the "Project");

WHEREAS in accordance with the WMP, the District will have addressed 90% of watershed loads through implementation of numerous projects prior to the alum treatment, including but not limited to the County Road 50 Iron Enhanced Sand Filter, 3rd Lake Wetland Treatment Basin, Hilo Lane Stormwater Retrofit, Enhanced Street Sweeping Partnership Program, and Shields Lake restoration projects;

WHEREAS the District applied for and has been awarded a Clean Water Fund grant from the State of Minnesota, in the amount of \$533,600, for the Project;

WHEREAS the District engineer has estimated a Project cost of \$667,000, and the District is able to supply the remainder of Project costs from the District ad valorem property tax levy;

WHEREAS Project staging would be located at the public boat access owned by the MN Department of Natural Resources, and the District has obtained a permit for access and staging;

WHEREAS on May 11, 2023 the Board adopted Resolution 23-05-01 ordering the Project an directing the solicitation of bids;

WHEREAS the District engineer has reviewed the bids and, in a memorandum dated July 13, 2023, finds that the bid of SOLitude Lake Management in the amount of \$524,582 is the only bid and that the bid is conforming, and further finds that SOLitude Lake Management is a responsible bidder, and recommends the award to SOLitude Lake Management;

WHEREAS the Board adopts the findings and recommendations of the District engineer;

THEREFORE BE IT RESOLVED that the Board of Managers hereby:

1. Awards the Forest Lake Lake Alum Treatment contract to SOLitude Lake Management for the contract price of \$524,582;
2. Authorizes the District administrator to sign and transmit the notice of award, sign the contract, and issue the notice to proceed on advice of counsel and when all prerequisites for issuance have been met by the contractor; and
3. Authorizes the District administrator to sign task orders increasing the contract price in an aggregate net amount not exceeding 10 percent of the contract price.

The question was on the adoption of the above resolution and there were ____ ayes and ____ nays as follows:

Manager	Aye	Nay	Absent	Abstain
Stephen Schmaltz				
Christopher Loth				
Dave Bakke				
Jackie Anderson				
Doug Toavs				

The President declared the resolution adopted.

Dated: July 27, 2023

Dave Bakke, Secretary

* * * * *

I, Dave Bakke, Secretary of the Comfort Lake–Forest Lake Watershed District Board of Managers, do hereby certify that the above resolution is a true and correct transcription of an action of the Board taken on the date above indicated.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____ 2023.

Dave Bakke, Secretary

Project Name	Forest Lake Alum Treatment	Date	July 13, 2023
To	Board of Managers, CLFLWD Mike Kinney, District Administrator		
Cc	Emily Heinz, District Project Manager		
From	Kyle Crawford, PE, Project Engineer Cecilio Olivier, PE, District Engineer Joe Pallardy, MS		
Regarding	Recommendation for Award of Contract		

The purpose of this memorandum is to provide a recommendation for selecting a Contractor to perform the Forest Lake Alum treatment.

Bid Summary

The Request for Bids was posted on QuestCDN on June 21, 2022 and within local newspapers over the following week. Bids were due on July 13, 2023 at 2:00pm with a formal bid opening at the same time via Zoom; contractors were invited to attend virtually. There were no Add Alternates for this project.

One bid was received. Solitude Lake Management submitted a Total Bid of \$524,582. Review of the submitted bid packages and relevant project experience was performed by EOR. The review of Solitude’s initial bid package was found to be acceptable.

COMPANY	BID SECURITY INCLUDED	REQUIRED BID DOCUMENTS	TOTAL BID
Solitude Lake Management	✓	✓	\$524,582
<i>Engineer’s Estimate</i>	N/A	N/A	\$590,000

Recommendation

Solitude Lake Management is a reputable contractor that has performed more than 200 alum treatments including the Shields Lake and Moody Lake Alum treatments.

Following our review of the Contractor’s project experience and bid package, we find the bid to be responsive and the bidder to be responsible. We are recommending approval of the Total Bid and award of the contract to Solitude Lake Management, in the amount of **\$524,582**.

In addition, it is recommended the Board authorizes the District Administrator to execute change orders, if necessary, in an amount not to exceed 5% of the contract to prevent extra construction delays or other costs.