



Staff Report

January 21, 2025 Council Workshop Meeting

Professional Services Agreement for Lake Monitoring Plan Update

Presenter: Steve Wall, Public Works Director

Time Estimate: 5 minutes

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BACKGROUND: This project is a continuation of the Lacamas, Round and Fallen Leaf Lakes Management Plan. The overall goal of this project is to develop an updated monitoring plan that can be used for 1) ongoing data collection, 2) to identify when to conduct lake treatments (and post treatment monitoring) and 3) responding to cyanobacteria harmful algal bloom (cHAB) events.

SUMMARY: The scope of work from Annear Water Resources, LLC, is broken into three tasks: 1) review the past data analysis and interpretation of water quality and lake limnology to inform updates to the monitoring plan and 2) utilize the lake ecology insights to develop an updated monitoring plan for ongoing data collection, supporting lake treatments, and responding to cyanotoxin events for Lacamas, Round and Fallen Leaf Laker through 2025 and beyond and 3) develop an approach to managing water quality in the cove area of Lacamas Lake which becomes isolated from the body of the lake and has a history of water samples exceeding public health trigger levels.

BENEFITS TO THE COMMUNITY: Continue to implement efforts described in the 2022 Lake Management Plan to improve water quality in Lacamas, Round and Fallen Leaf Lakes. The collection and analysis of baseline data will ensure data driven management decisions which will have a positive impact on water quality and the community's ability to enjoy the benefits of the lake system.

BUDGET IMPACT: The cost of this proposal is \$46,300 and there are sufficient funds in the Stormwater Fund to cover this expense.

RECOMMENDATION: Staff recommends this item be placed on the February 3rd, 2025 Council Regular Meeting Consent Agenda for Council's consideration.