



MEMORANDUM

DATE: September 26, 2022

TO: Honorable Mayor and City Councilmembers
Dave Perrault, City Administrator

FROM: David Swearingen, P.E. Public Works Director / City Engineer

SUBJECT: Little Johanna Lake and Pike Lake Stormwater BMP Retrofit Analysis – PSA with HR Green

Budgeted Amount:	Actual Amount:	Funding Source:
\$0	\$16,600	Surface Water Mgmt Fund

Council Should Consider

Motions to approve, table, or deny the following:

- Professional Services Agreement with HR Green for the Little Johanna and Pike Lake Stormwater BMP Retrofit Analysis in the amount not to exceed \$16,600

All items need a simple majority for action unless otherwise noted.

Background/Discussion

At the August 15, 2022 Council Work Session, HR Green presented the Little Johanna Lake and Pike Lake Stormwater BMP Retrofit Analysis.

The proposed stormwater study is to analyze the subwatersheds of Little Johanna Lake and Pike Lake for potential targeted locations of specific water quality best management practices (BMP). The analysis will serve to assist the City of Arden Hills in implementing targeted and prioritized practices to help meet waste load allocations (WLA) for these lakes, which is a required by the MS4 Permit.

The proposed scope of work will develop guidance to watershed management staff in

implementing targeted, measurable and prioritized water quality BMPs within the watershed's developed areas in order to meet MS4 requirements. This study will also serve as the planning tool needed to apply for future grant funding.

Budget Impact

The fee for services will be based on a time and material basis (Not to exceed **\$16,600**) and include the following tasks:

1. Data Gathering
2. Desktop Analysis
3. Field Reconnaissance
4. Analysis
5. Technical Memorandum

Deliverables will include a final Memorandum with retrofit recommendations and preliminary costs.

This study will be used to support grant opportunities through the Minnesota Board of Water and Soil Resources, Clean Water Fund Program.

Previously, the City of New Brighton had expressed an interest in partnering on this project. After further discussion, they opted to not share costs at this time but would be willing to fund construction of BMP projects that come from this study in the future. Our Surface Water Management Fund will need to cover the full cost of the analysis.

Attachments

Attachment A: Professional Services Agreement with HR Green