



The City of *Saline*

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Memorandum

From: City Engineer Tesha Humphriss

Date: June 26, 2023

Subject: 23-128 Dam Feasibility Study

Background Brief: We are pleased to report that on May 16, 2023, the State of Michigan, Department of Environment, Great Lakes, and Energy (EGLE) Dam Safety unit notified the City of Saline that we had been selected as a recipient of \$192,000 in grant funds as part of the first year of the Dam Risk Reduction Grant Program (DRRGP). The purpose of this study is to evaluate the feasibility of removal of the dam.

More conservative regulatory requirements on spillway capacity are anticipated to be adopted prior to our 2026 triennial inspection. We are expecting the capacity of the existing spillway will not meet the new requirements. It is therefore assumed that in the coming years the city will be faced with a decision to either repair and rebuild the spillway to increase capacity or to remove the dam.

Removal of the dam eliminates any risk associated with the dam but contains a lot of unknowns at this time. The goals of this feasibility study are to develop a conceptual plan of how to remove the dam, develop a conceptual rendering of what the park would look like without the dam, gather information critical to permit a dam removal project, and communicate these findings to our constituents. As outlined in the attached proposal from Spicer and the projected timeline, there are 12 key items included in the feasibility analysis, and we anticipate this work will take a little over a year to complete.

Previous Action: Council previously adopted a resolution to support an application for the Dam Risk Reduction Grant on January 23, 2023. The City was subsequently notified of award on May 16, 2023.

Economic Impact: \$240,000 from General Fund (with 80% reimbursement through grant)

Budget Line Items: 101-900-985-039

Amendment Required: No.

Recommended Motion:

MOVED

SECONDED

To **acknowledge** receipt of the memo from City Engineer Humphriss and to **approve/not approve** a contract for the dam feasibility study with Spicer Group, Inc. in an amount not to exceed \$240,000.

ATTACHMENTS:

[Spicer June 2023 Proposal.pdf](#)

[Gantt Chart.pdf](#)

[Resolution 23-22 Support Dam Risk Reduction.pdf](#)