

COMMISSION FILE NO: 26-008-1 **DATE INTRODUCED:** January 12, 2026

INTRODUCED BY: Executive Director (Signature on File in the Office of the Commission)

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Change Order Request and Delegate Executive Director Change Order Authority for Contract M03119P01, Impacts of the 1000-year Flood, and Approve Changes in Total Project Cost

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order in an amount not to exceed \$96,870 to Contract M03119P01, Impacts of the 1000-year Flood, with MSA Professional Services, Inc. (MSA).

Further, the Commission is requested to delegate \$50,000 in change order authority to the Executive Director for future change orders to Contract M03119P01, Impacts of the 1000-year Flood, with MSA.

Further, the Commission is requested to increase the total project cost (TPC) for Project M03119, Impacts of the 1000-year Flood, by \$82,750 for an amended TPC of \$532,750 and to make a corresponding change to the TPC of Project M99001, Allowance for Cost and Schedule Changes.

Urban flooding can result from both local stormwater and drainage issues or more regional riverine impacts. Both local and regional flooding can affect District assets and those of municipalities within the service area and can have significant impacts on residents. The impacts of climate change have resulted in more frequent and intense storms affecting the Milwaukee area and causing flooding issues within the region. Identifying the locations of flooding issues during significant rainfall events assists both the District and municipalities with planning mitigation and resiliency efforts.

ATTACHMENTS: **BACKGROUND** **KEY ISSUES** **RESOLUTION**

FISCAL NOTE **S/W/MBE** **OTHER** _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request and Delegate Executive Director Change Order Authority for Contract M03119P01, Impacts of the 1000-year Flood, and Approve Changes in Total Project Cost

Commission Policy 1-01.15, Flood Risk Reduction Policy, defines responsibilities for reducing flood risk, with the District addressing regional flooding along watercourses within its jurisdiction and governmental units and landowners responsible for local flooding due to local drainage and stormwater management. The 2035 Vision Strategic Objectives include specific actions related to flood mitigation: 1) Integrated Watershed Management – Work with MMSD's partners to achieve zero homes in the one percent probability floodplain, and 2) Climate Change Mitigation/Adaptation – Anticipate and respond to a range of climate change impacts when considering management of stormwater and floodwater.

The purpose of Contract M03119P01 is to perform a planning level study to evaluate flooding impacts from a hypothetical 1000-year storm over Milwaukee County. Contract M03119P01 was executed with MSA in September 2023 under the Executive Director's delegated contract authority in an amount not to exceed \$224,816. The scope of Contract M03119P01 includes project management, modeling services, stakeholder outreach, and modeling and geographic information system (GIS) map deliverables.

The contract was later increased by \$62,200 and again by \$12,851, both under the Executive Director's authority. By Commission policy, the Executive Director may authorize contracts up to a maximum of \$299,999. Work performed under the previous change orders included:

- Comparison of initial county-wide modeling to more detailed municipal specific models.
- Project stakeholder meetings with municipal staff.
- Modeling and preparation of deliverables.
- GIS updates to assess August 2025 storm event.

Staff now requests Commission authorization of a change order in an amount not to exceed \$96,870. This additional funding will allow development of a model using rainfall data from the August 9-10, 2025, event and compare model results to the flood reports received from the August 2025 event. Funding will also allow development of a model to simulate topography and infrastructure that existed in the area of Lincoln Creek prior to District flood improvement projects that occurred from 1999-2003. This model will be used to simulate the August 2025 event and determine what flood impacts would have occurred if the District projects had not been completed. This will allow a modeling evaluation of the flooding reduction due to the District project investments. The scope includes GIS updates, modeling services, stakeholder meetings, and summary report and deliverables.

SUMMARY (Cont'd)

Change Order Request and Delegate Executive Director Change Order Authority for Contract M03119P01, Impacts of the 1000-year Flood, and Approve Changes in Total Project Cost

COST CHANGES

	AMOUNT	PERCENTAGE INCREASE OVER ORIGINAL CONTRACT	AUTHORIZED BY	SWMBE
Original Contract	\$224,816	-	Executive Director	0%
Previous Change Orders	\$75,051	33.4%	Executive Director	0%
Requested Change Order	\$96,870	43.1%	Request of the Commission	0%
Total Change Orders	\$171,921	76.5%	-	0%
TOTAL	\$396,737	-	-	0%

The scope addition adds three months' duration to the existing contract.

Commission policy delegates to the Executive Director the authority to enter into contracts less than \$300,000 without Commission approval, which was done for Contract M03119P01. If the contract and cumulative change orders exceed \$299,999, the Executive Director shall seek the approval of the Commission. To date, change orders totaling \$75,051 under the Executive Director's authority have been executed, leaving \$132 in remaining authority. Engineering contracts under \$500,000 awarded by the Commission typically provide the Executive Director with the authority to make changes up to \$50,000. This request to delegate \$50,000 in authority to the Executive Director for Contract M03119P01 is consistent with Commission policy and is necessary in case additional change orders are required.

Staff requests the Commission increase the TPC by \$82,750 to account for a portion of the requested Contract M03119P01 change order, and \$22,750 in additional District staff labor.

RESOLUTION

Change Order Request and Delegate Executive Director Change Order Authority for Contract M03119P01, Impacts of the 1000-year Flood, and Approve Changes in Total Project Cost

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order in an amount not to exceed \$96,870 to Contract M03119P01, Impacts of the 1000-year Flood, with MSA Professional Services, Inc.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is delegated \$50,000 in change order authority for future change orders to Contract M03119P01, Impacts of the 1000-year Flood, with MSA Professional Services, Inc.

FURTHER RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the total project cost for Project M03119, Impacts of the 1000-year Flood, is increased by \$82,750 for an amended total project cost of \$532,750 and that a corresponding change is made to the total project cost of Project M99001, Allowance for Cost and Schedule Changes.