

COMMISSION FILE NO: 26-005-1 **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: Approval of Funding Agreement M10005WB02 Under Project M10005, 2026 Village of Whitefish Bay Private Property Infiltration and Inflow Reduction Project

SUMMARY:

The Commission is requested to authorize the Executive Director to execute on behalf of the District Funding Agreement M10005WB02 in the amount of \$929,455 for work outlined in Work Plan M10005WB02 as submitted by the Village of Whitefish Bay (Village) under Project M10005, Private Property Infiltration and Inflow (PPII) Reduction Program. Including Funding Agreement M10005WB02, the Village has obligated 100% of the funding available to the Village through 2026 in the PPII Program.

The Village proposed completing 23 full sanitary sewer lateral replacements via open cut or pipe bursting across two metersheds. The primary objective of the project is to reduce wet weather sanitary flows by reducing infiltration and inflow (I/I) from private property sources.

ATTACHMENTS: **BACKGROUND** ☒ **KEY ISSUES** ☐ **RESOLUTION** ☒
FISCAL NOTE ☒ **S/W/MBE** ☐ **OTHER** ☐ _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

BACKGROUND

Approval of Funding Agreement M10005WB02 Under Project M10005, 2026 Village of Whitefish Bay Private Property Infiltration and Inflow Reduction Project

In the early 2010's, the Village completed a Village-wide sanitary sewer I/I reduction study. The study identified metersheds with elevated wet weather peaking factors and prioritized them for further investigation. In 2025, under Funding Agreement M10005WB01, dye water and smoke testing were completed to identify specific properties requiring corrective action. More than 204 properties were identified with deteriorated sanitary laterals. These deteriorated laterals allow clear water to enter the sanitary sewer system, increasing wet weather flows and stressing system capacity.

As a result of this work and the Village's secured homeowner participation through public outreach, the Village is moving forward with targeted rehabilitation efforts. Sanitary lateral replacement designs have been completed for 87 of the 204 identified properties. Construction will proceed as funding allows, with the Village implementing replacements on an annual basis concurrent with the Village's lead water service replacement project until the full project area is addressed.

The project area lies within metersheds MS0523. Metershed MS0523 does not comply with District Chapter 3 wet weather performance requirements. The project area is roughly bounded by Glendale Avenue to the south, Hampton Avenue to the north, Hollywood Avenue to the west, and Oakland Avenue to the east.

Work Plan M10005WB02 proposes sanitary lateral replacements at 40 of the 87 designed properties using open cut excavation or pipe bursting methods at no cost to the homeowner. Lead water services will be replaced concurrently at the Village's cost. Coordinating sanitary lateral replacement and lead water service replacement within the same project area allows PPII and lead service funding to be aligned, resulting in reduced mobilization, shared construction activities, and improved overall cost efficiency.

The project is expected to be awarded in March 2026, with construction completed by December 2026.

Funding for the sanitary lateral replacement and half of the restoration will be provided through the Village's accumulated PPII allocation (\$179,455) under Project M10005 and a PPII Competitive Funding award (\$750,000). Competitive funding is based on established scoring criteria that evaluate project impact, cost effectiveness, readiness, and alignment with program goals. This award does not increase the total project cost. With approval of Work Plan M10005WB02, the Village will have fully obligated its available PPII program funding through 2026.

RESOLUTION

Approval of Funding Agreement M10005WB02 Under Project M10005, 2026 Village of Whitefish Bay Private Property Infiltration and Inflow Reduction Project

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized and directed to execute on behalf of the District Funding Agreement M10005WB02 in the amount of \$929,455 for work outlined in Work Plan M10005WB02 as submitted by the Village of Whitefish Bay under Project M10005, Private Property Infiltration and Inflow Reduction Program.