

COMMISSION FILE NO: 25-079-6 **DATE INTRODUCED:** June 9, 2025

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, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, and Restore Executive Director's Original Delegated Authority

SUMMARY:

The Commission is requested to authorize the Executive Director to execute a change order to Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, with Veolia Water Milwaukee, LLC, (VWM) in an amount not to exceed \$12,430 and to restore the Executive Director's original delegate authority.

The District owns 19 pump stations throughout the Metropolitan Interceptor Sewer (MIS) System that serve a variety of functions. In general, pump stations raise sewage from a lower elevation to a higher elevation, from which the sewage can flow by gravity. Some pump stations operate continuously, some operate during wet weather, and some operate only during overflows of the system.

Pump Station PS0501 is located on Port Washington Road, 1,500 feet north of West Hampton Avenue. The pump station continuously pumps sewage from portions of Milwaukee, Glendale, Brown Deer, River Hills, and Mequon into the Port Washington Road Force Main. The pump station has four pumps that pump sewage to a higher elevation in the MIS System. All four pumps have been experiencing heavy vibrations and sewage leaking into the cooling jacket. A pump failure would result in flow being continuously diverted into the Inline Storage System.

An evaluation of the pumps identified the need to replace many of the parts in the pumps and control systems. Additionally, the pumps are near the end of their useful lives. District staff recommended repairs to Pumps 3 and 4 and replacement of Pumps 1 and 2.

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

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05-12-25*

COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, and Restore Executive Director's Original Delegated Authority

To perform this pump repair and replacement work, the District issued a purchase order to VWM in July 2024 in an amount not to exceed \$422,193. VWM had competitively bid the work and awarded a construction contract to Cornerstone One, LLC (Cornerstone). Under this purchase order, VWM is responsible for managing and overseeing the contract with Cornerstone.

Separate from this work, the District has been evaluating ways to resolve some other operational issues at PS0501. This includes rags and stringy material accumulating in the wet well and clogging the pumps. The clogging results in the need for frequent maintenance and premature pump wear. This evaluation concluded that replacing the existing impeller with a style better suited for handling rags and stringy debris may reduce clogging. Staff recommend upgrading one of the pump's impellers to this style. After installation, the upgraded pump will be monitored and its performance compared to the other three pumps.

Due to the 18-week lead time for a new impeller, a change order has already been issued under the Executive Director's authority to purchase the new impeller. Staff are now requesting authorization for a change order to cover the remaining costs to install the new impeller.

CHANGE ORDER SUMMARY

PURCHASE ORDER	AMOUNT	PERCENT INCREASE OVER ORIGINAL PURCHASE ORDER	AUTHORIZED BY	SWMBE*
Original	\$422,193		Commission	1%
Previous Change Orders	\$123,936	29.4%	Request of Commission and Executive Director	0%
Requested Change Order	\$12,430	2.9%	Request of Commission	0%
Total Change Orders	\$136,366	32.3%		0%
TOTAL	\$558,559			0.7%

*Small, Women, and Minority Business Enterprise (SWMBE) participation shown is for contract between VWM and Cornerstone and does not include VWM markup.

SUMMARY (Cont'd)

Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, and Restore Executive Director's Original Delegated Authority

The Commission has delegated to the Executive Director the authority to make changes to construction contracts up to a cumulative amount of \$50,000 for contracts that were originally less than \$500,000. To date, the Executive Director has utilized \$46,003 of this authority, leaving a balance of \$3,997. The request to restore the Executive Director's original delegated authority is in case any additional construction changes beyond the remaining Executive Director's authority are necessary. Without this restored authority, work may need to stop while staff obtain the necessary order authority from the Commission.

RESOLUTION

Change Order Request, Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, and Restore Executive Director's Original Delegated Authority

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director is authorized to execute a change order to Purchase Order No. 13363, Material Capital Repair or Replacement Nos. 1617 and 1631, Port Washington Road Pump Station, PS0501 Sewage Pumps 1, 2, 3, and 4, Project C98055, with Veolia Water Milwaukee, LLC, in an amount not to exceed \$12,430, and that the Executive Director's original delegated authority is restored.