



COMMISSION FILE NO: 26-073-6 **DATE INTRODUCED:** June 8, 2026

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

REFERRED BY COMMISSION CHAIRPERSON TO: Operations Committee

RELATING TO: Restore the Executive Director’s Original Delegated Authority, Contract J04079C01, Dryer Tire and Trunnion Replacements

SUMMARY:

The Commission is requested to restore the Executive Director’s original delegated change order authority on Contract J04079C01, Dryer Tire and Trunnion Replacements, with J.F. Menzia & Sons, LLC (Menzia).

At the Jones Island Water Reclamation Facility, Milorganite® is produced within the Dewatering and Drying (D&D) Facility. The Milorganite® production process utilizes up to 12 rotary sludge dryers to heat-dry dewatered biosolids. The motor drives the gear reducers which, in turn, drive the pinion and ring gears and rotate the dryer drum. The dryer drum rotates on steel tires that are attached to the drum and supported by four steel trunnion wheel assemblies consisting of a trunnion wheel, shaft, and bearings.

The existing dryer tires have been in service since the D&D Facility’s commissioning in 1994. The tires have become brittle, which has resulted in cracking, material loss, and increased stress at the tire-trunnion interface due to the decreased surface area. Without any action, the tires will fail at some point in the future. A complete failure of a tire has the potential to be catastrophic to the dryer, as it could cause major damage to the dryer drum, shell, drive system, and connected equipment.

ATTACHMENTS: BACKGROUND KEY ISSUES RESOLUTION
FISCAL NOTE SBE OTHER _____

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COMMITTEE ACTION: _____ **DATE:** _____

COMMISSION ACTION: _____ **DATE:** _____

SUMMARY (Cont'd)

Restore the Executive Director's Original Delegated Authority, Contract J04079C01, Dryer Tire and Trunnion Replacements

In March 2024, the District awarded Contract J04079C01 in the amount of \$5,077,000 to Menzia to replace the tires and trunnions of select dryers. Under this contract, Menzia is:

- Replacing the inlet tires on Dryers 2, 6, and 10.
- Replacing the discharge tires on Dryers 5, 10, and 12.
- Replacing all trunnions associated with the five dryers (20 total).
- Replacing related equipment, such as pinion gears, shafts, bearings, and thrust rollers.
- Realigning and testing the dryers.
- Providing training to District and Veolia Water Milwaukee, LLC, staff.
- Maintaining all replaced parts for three years.

As work on the contract progressed, staff initially executed change orders under the Executive Director's authority in the amount of \$368,360. The Commission then authorized a change order in the amount of \$548,000 and restored the Executive Director's original delegated authority in November 2025. Since that time, additional change orders totaling \$380,000 have been executed under the Commission-restored Executive Director's authority to address several issues not covered by the original contract scope. These change orders included:

- Replacing the inlet tire on Dryer 5.
- Replacing the discharge tires on Dryers 2 and 3.
- Replacing the pinion gear and all trunnions associated with Dryer 3.
- Inspecting, repairing, and reinstalling the trunnion and thrust roller base on Dryer 1.

District staff believed that the tires to be replaced under these change orders would not last until a future dryer rehabilitation contract that is expected to start in three to five years. Combining this work with the existing project also reduced dryer downtime and saved costs by minimizing equipment and personnel mobilization.

The Commission has delegated the Executive Director the authority to make changes to construction contracts up to \$400,000 or 10% of the original contract price, whichever is less. For this contract, a limit of \$400,000 prevails. The Executive Director has used \$380,000 of this authority, leaving a balance of \$20,000. The request to restore the Executive Director's 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 change order authority from the Commission.

RESOLUTION

Restore the Executive Director's Original Delegated Authority, Contract J04079C01,
Dryer Tire and Trunnion Replacements

RESOLVED, by the Milwaukee Metropolitan Sewerage Commission, that the Executive Director's original delegated change order authority is restored on Contract J04079C01, Dryer Tire and Trunnion Replacements, with J.F. Menzia & Sons, LLC.