

Metropolitan Wastewater Treatment Plant Secondary Improvements Project

Construction Update – September 2024

Metropolitan Council Environmental Services (MCES) is replacing aeration equipment that has aged beyond its useful life at the Metro Plant in Saint Paul. The aeration process is the heart of the wastewater treatment plant where waste is broken down into inert organic material by microorganisms. This equipment was installed in the 1960s. Replacements consist of upgrades to the air bubbling diffusers in 16 aeration tanks, aeration controls upgrades, final settling backfill gates, and underdrain/meter pit upgrades. The project is modernizing the equipment to improve performance and process efficiency.

PROGRESS UPDATE: 71% Complete

RECENTLY COMPLETED

- AET 12 diffuser replacement.
- AET 12 concrete repairs.
- AET 12 diffuser installation.
- AET 13 cleaning started.
- FST 16 slide gate replacement.

UPCOMING WORK

- AET 12 returned to service.
- AET 13 concrete repairs.
- AET 13 diffuser installation.
- AET 14 cleaning started.

PROJECT SCHEDULE

- Overall duration is 2021 through 2025 as work is completed as seasonal weather conditions dictate.

The wastewater treatment plant remains in full operation during the construction.



Project Contacts

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