

Metropolitan Wastewater Treatment Plant Secondary Improvements Project

Construction Update – May 2022

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: 23% Complete

RECENTLY COMPLETED

- Secondary Aeration Tanks 1 and 2 new equipment installs
- Underdrain and meter pit air handling and seal water upgrades

UPCOMING WORK

- Secondary Aeration Tanks 3 and 4 cleaning and new equipment installs
- Underdrain and meter pit punchlist work
- Final Settling Tank stop gate installations

PROJECT SCHEDULE

- Overall duration is 2021-2025 as work is completed with seasonal weather conditions

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



Project Contacts

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