Project Updates

FALL 2025

Welcome to the Advancing Metro Water Project Newsletter

The Metro Water Services (MWS) Process Advancements Project is one of the most significant infrastructure improvements in Nashville's history.

The historic Omohundro Water Treatment Plant has served Nashville for over 135 years. This landmark initiative will position it to continue to serve our growing community now and into the future.

What is the Process Advancements Project?

This landmark initiative will replace and modernize aging treatment facilities at the historic Omohundro Water Treatment Plant. The multi-year project will enhance the resilience and reliability of Nashville's drinking water system, by:

- Increasing water treatment capacity by nearly 70% to meet our growing city's needs.
- Building a water system that is stronger and more resilient to future risks.
- Protecting our drinking water supply from flooding and other extreme weather events.
- Replacing aging infrastructure systems with modern facilities.

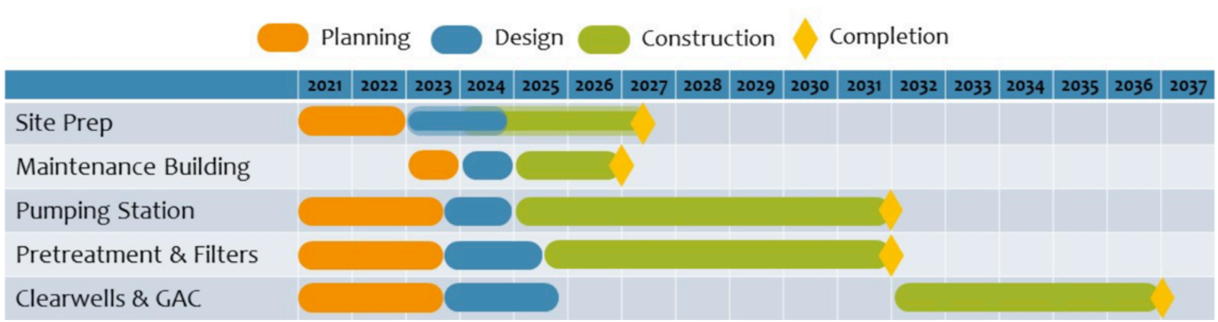
This once-in-a-lifetime project is a substantial investment in our infrastructure and will take over a decade to complete. Follow this exciting project as we introduce improvements and technology to modernize the treatment process while preserving the historic character of Omohundro.

Quarterly newsletters will include:

- Current project status and construction timelines.
- Project milestones and achievements.
- Community benefits, including cutting-edge technologies and environmental improvements.
- Project photos.
- Ways to learn more and stay engaged with the project.

For the most current information, project photos, and detailed timelines, visit us at **AdvancingMetroWater.org**.

Proposed Project Timeline:
Where are we and what comes next?



We're pleased to report that advancements at the Omohundro Water Treatment Plant (WTP) are on schedule. Design is nearly complete and construction is now underway on many site preparations, including a nine-foot diameter tunnel that will relocate stormwater drainage around the new facility.

Right now, the construction team is engaged in the site preparation work and construction of a new maintenance building and pumping station. The site preparation involves utility relocation, tunneling, excavation, and clearing areas to make room for the new facilities. The maintenance building will store materials and equipment and act as a hub for MWS maintenance staff that service the Omohundro WTP and other parts of the city.

For more project updates, timelines, and project photos, visit **AdvancingMetroWater.org.**

Innovation Insight

Blending 3D modeling and virtual reality helps improve team communication and promote an overall understanding of the new water treatment facilities.

The design team is using virtual reality-based building information modeling (BIM) to improve coordination between team members and the WTP's operations and maintenance staff.

By creating the new treatment facilities in 3D and allowing team members to "walk through" the virtual plant, designers, contractors, and operators can all get an idea of what the final facility will look like, how it will need to be built, and what equipment operators will need to use and maintain to keep the plant operational.

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Spotlighting Sustainability

Sustainability lies at the heart of this project. This includes eco-friendly construction efforts, recycling and waste minimization, and using sustainable materials and infrastructure to construct the project.

During the planning phase, the team realized that some trees on the site would have to be removed to make room for the new facilities.

Seeing an opportunity to reduce waste and beneficially reuse the trees, the team implemented a harvesting and logging plan to convert approximately 50% of the trees into lumber to build the new facilities. The rest of the trees were mulched and reused for landscaping and other similar applications.

Stream restoration at Shelby Park improves water quality

The project team is embracing opportunities to leave lasting positive impacts as part of this important work. MWS is leading a project to restore the stream that flows from Lockeland Spring into Sevier Lake in Shelby Park. By removing a concrete channel and recreating a natural streambed, the restoration will decrease erosion and prevent pollutants from entering the Cumberland River, while also creating habitat for wildlife. As part of the project, MWS will also plant hundreds of native trees and shrubs along the bank.

Stay Up To Date!

Want more information on the Process Advancements Project?

Visit us at
[https://AdvancingMetroWater.org/.](https://AdvancingMetroWater.org/)