

Water Beyond 2000

Upground Reservoir Project

Columbus Upground Reservoir Project – The Preferred Alternative

Suggested Construction Sequence for Reservoirs

- Reservoir Site R-2 is recommended to be the initial reservoir project for construction
- Reservoir Site R-3 is recommended to be the second reservoir project for construction provided that the additional geotechnical and environmental screenings are completed without any significant findings
- Reservoir Site R-1 is recommended as the final reservoir for construction.

Preferred Raw Water Pump Station and Raw Water Pipeline Alternative

- Pump Station Site 1 – Hoskins Road Area is the recommended pump station alternative combined with Pipeline Option 1B. This pump station and pipeline alternative will require permitting for the construction of the inflatable weir in the Scioto River

Construction Phasing Plan for Raw Water Pipeline

A phased construction plan for the raw water pipeline is recommended to allow the City to develop the reservoir water supply and have it available for use within the next three years. This plan also provides a means for the City to use this needed water supply during the time period required to secure the needed easements and occupancy permits from the Ohio Department of Transportation for construction of the remaining portions of the pipeline.

Phase 1- Pipeline

- Includes 21,500 LF of 72-inch raw water pipeline linking the Hoskins Road Area Raw Water Pump Station and all three reservoir sites.
- Pipeline to be constructed on City owned property and in easements along Hoskins Road between SR 257 and Mooney Road, and along Mooney Road between Hoskins Road and Smokey Road
- The pipeline will serve to fill any of the three reservoirs, and provide an initial point to release the stored supply back to the Scioto River at the pump station site as needed to meet City of Columbus users' water demand.
- Pipeline can also allow for emergency drawdown operations to be performed for any of the three reservoirs.

Phase 2- Pipeline

- Includes 23,000 lineal feet of 72-inch raw water pipeline to convey 8 MGD of the stored supply from any of the three reservoirs to the site of the future Del-Co water plant, located off SR 257 south of Donovan Road.
- Pipeline to be routed along SR 257 between Hoskins Road and the Del-Co site on properties owned by the City of Columbus and Del-Co Water Company, as well as in easements.
- A release facility structure will be constructed on Del-Co Water Company property to provide a point of release of the stored supply back to the Scioto River to meet City of Columbus users' water demand.
- Provisions for future Phase 3 extension will be included at the southern terminus of this pipeline segment.
- This Phase 2 Raw Water Pipeline will be designed concurrent with Phase 1 Project. Construction may not proceed immediately, but must be completed in conjunction with Del-Co Water Company's capital improvement plans.

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Phase 3- Pipeline

- Includes 39,000 lineal feet of 66-inch raw water pipeline along SR 257 between the Phase 2 Raw Water Pipeline project terminus south of Donovan Road and the desired location for the release facility structure at the O'Shaughnessy Reservoir near Fry Road.
- A 4000 foot segment of this pipeline in the vicinity of White Sulphur must be constructed using deep tunnel installation methods
- Construction will require extensive right-of-way acquisition and coordination with ODOT to secure occupancy permits for the entire project length.
- Design activities for this pipeline segment will not be initiated at this time.



City of Columbus
Michael B. Coleman, Mayor

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Please submit your comments on the project at:

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