

Tunnel Pump Station

SOUTH HARTFORD CONVEYANCE AND STORAGE TUNNEL

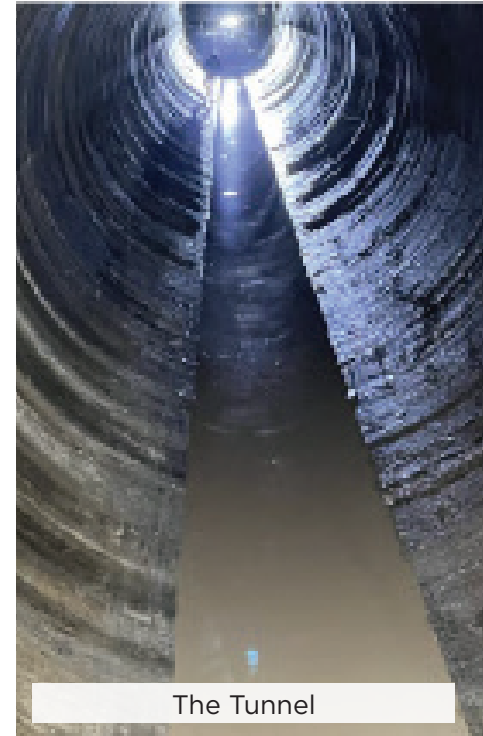
Overview

The pump station will play an essential role in the operation of the four-mile-long deep rock tunnel designed to capture and temporarily store excess combined wastewater and stormwater during heavy rain events by conveying those flows 200 feet up to the Hartford Water Pollution Control Facility for treatment.

The tunnel, built under a separate contract, extends beneath Hartford and West Hartford and was constructed 200 feet below ground in bedrock, can store approximately 41.5 million gallons of combined sewer overflows to protect local waterways and improve water quality throughout the region.

Funding

- » **Total Project Cost: \$138 million**
- » **\$66 million** of the funding came from of state grants from CT DEEP via the Clean Water Fund to support 48% of the construction cost
- » **\$72 million** of funding came from low-interest state loans
- » The total cost of the entire Tunnel project to date is approximately **\$550 million**, with 45% coming from Clean Water Fund grants from CT DEEP



The Tunnel



Odor Control Facility

Grit & Screening Facility

Detention Pond

Generator Pads

Head Tank

Control Building

Dehumidifier Pad

Utility Service