Wastewater Treatment

The York Sewer District provides sewer service to approximately 5,200 residential and commercial customers.

The District was founded in 1951 and the Treatment Facility was constructed in 1977 with major updates completed in 1994. Since that time, several components of the facility have been replaced with new, more efficient systems.

Protecting York's Coastline

Treated wastewater (effluent) from the wastewater treatment facility discharges to Cape Neddick Harbor.

Nearby beaches and harbors are active with swimming, fishing and boating in the summer months. The primary objective of the York Sewer District is to protect the public health and environment from sources of pollution due to wastewater generation.

Energy Savings

Wastewater treatment facilities are often one of the highest energy users in any community.

The York Sewer District evaluates process upgrades and equipment selection with the goal of reducing energy consumption wherever possible. This includes implementation of a variety of energy-related improvements to provide long-term cost savings.

Water Utility of the Future Today Recognition Program

York Sewer District 2024 Winner

Five organizations have partnered to reach deeply into the water sector to form and motivate a community of like-minded water utilities engaged in advancing resource efficiency and recovery, developing proactive relationships with stakeholders, and establishing resilient, sustainable, and livable communities.

Water Environment Federation · Water Research Foundation
National Association of Clean Water Agencies · Water Reuse Association
U.S. Water Alliance

Clean water starts here.
yorksewerdistrict.org

The York Sewer Team is here to answer your questions.

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Wastewater Treatment Facilities

SYSTEM OVERVIEW

yorksewerdistrict.org

1.3 Million

Gallons of wastewater flow through the facility each day

1977

When the facility was first constructed, with many updates over the last several decades

20% Savings

In operational costs through process and equipment efficiencies

1 • COLLECTION SYSTEM

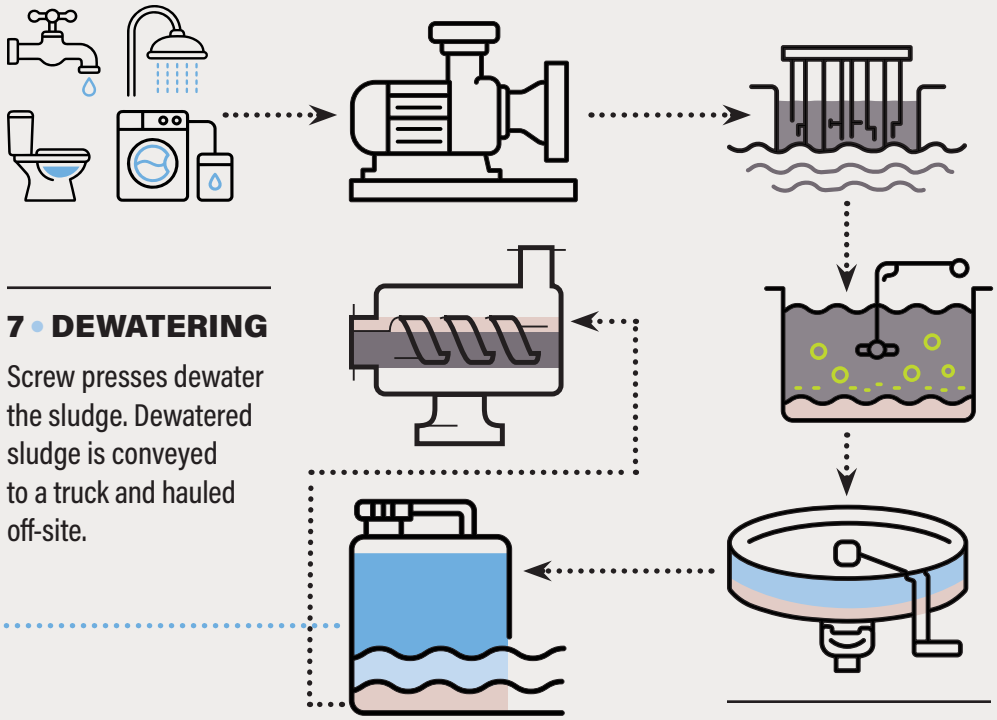
Wastewater from homes and businesses travels through a network of underground pipes by gravity.

2 • PUMP STATIONS

12 pump stations throughout York pump wastewater to the wastewater treatment facility to be treated.

3 • HEADWORKS

Wastewater receives preliminary screening and grit removal treatment. Screened material and grit are disposed off-site.



4 • AERATION TANKS

Aerobic bacteria breaks down organic material and converts it to sludge, water and CO_2.

5 • CLARIFIERS

Sludge settles to the bottom and clarified wastewater flows to a chlorine contact tank for disinfection.

6 • DISINFECTION

Chlorine disinfects treated wastewater. Residual chlorine is removed, and clean effluent is discharged to Cape Neddick Harbor.

7 • DEWATERING

Screw presses dewater the sludge. Dewatered sludge is conveyed to a truck and hauled off-site.

Facility Tours

See how sewer science works for you!

Tours are:

- Free and open to the public
- Available April–November
- Subject to weather and District staff availability

For details and to register online, visit yorksewerdistrict.org

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