

# Bethpage Offsite Groundwater Project

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Outcome of feasibility study for piping route

**Ed Hannon**  
Project Director

February 4, 2021

# Agenda

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- Current project accomplishments
- Results of feasibility study to inform Town Board vote on Feb 9
- Proposed construction schedule
- Examples of our recent piping installation
- Treatment system status
- Questions via Zoom chat and telephone

# Project Status of as 1/29

Three wells installed ●

4,600 feet of piping installed —

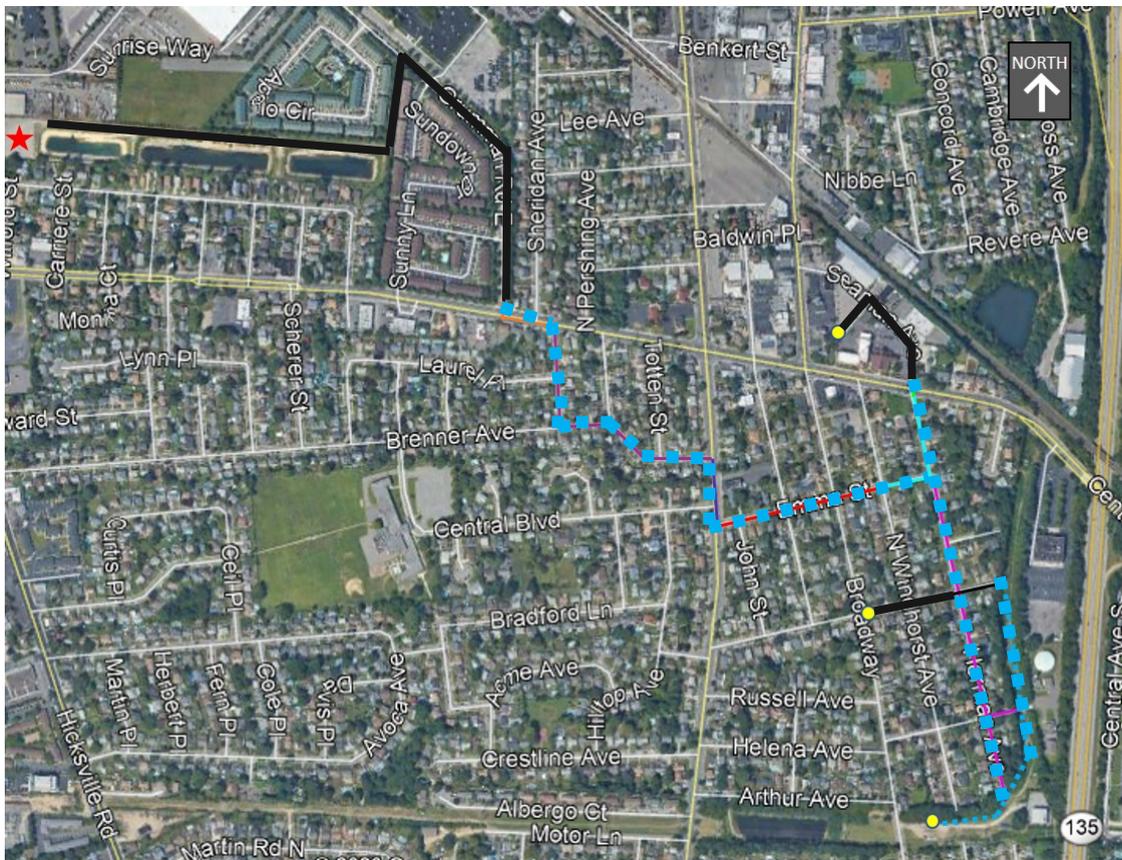
Survey areas completed - - - - -

- ✓ Greenway
- ✓ N. Hermann Ave and Sophia St
- ✓ Emma St
- ✓ Stewart Ave
- ✓ S Pershing, Brenner and Sheridan Aves

Upcoming

- Possible Test Holes at Stewart Ave
- Test Holes at Central Ave
- Crossing at Grumman Rd and at Seaman Ave

★ Location of our future groundwater treatment facility



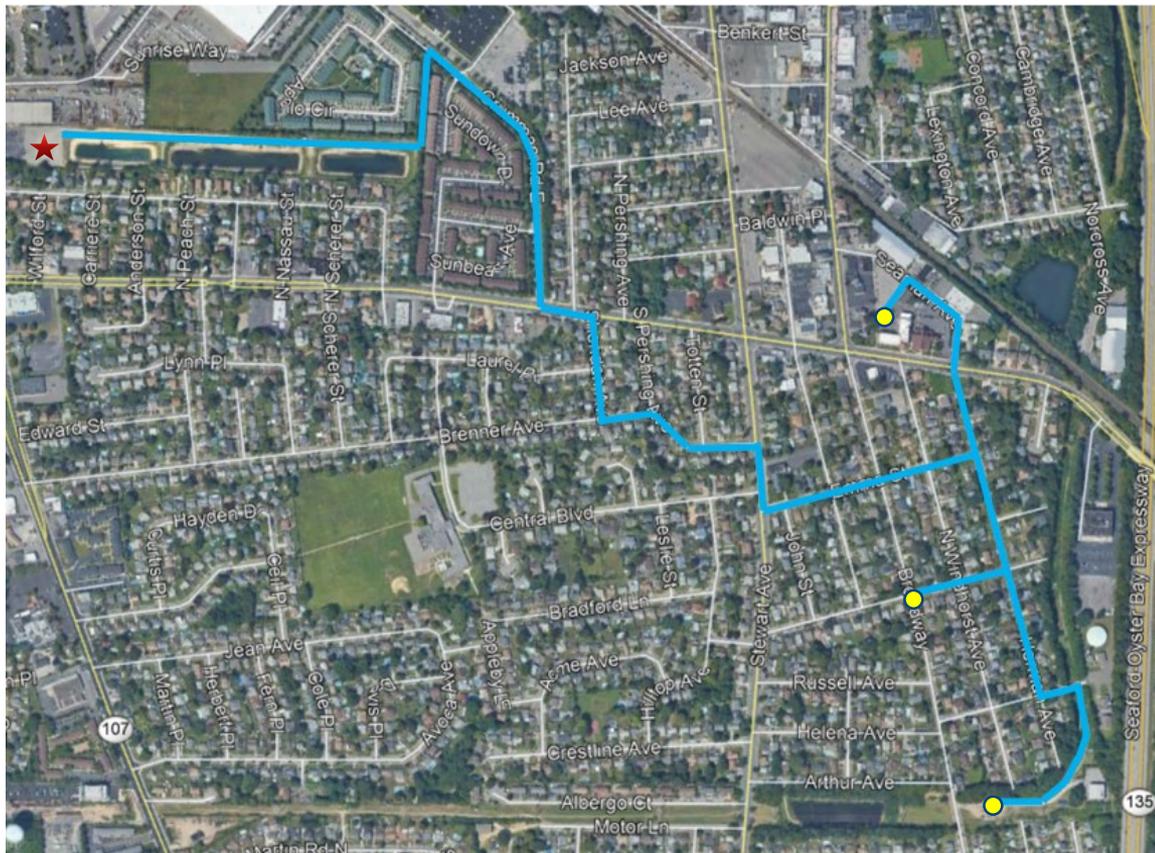
# The Proposed Route with Wells and Treatment Facility

We have submitted the following plans: conceptual design, health and safety, traffic control, and comprehensive air monitoring to the Town of Oyster Bay.

The Town board will consider our plans at its February 9, 2021 meeting.

If the plans are approved, we anticipate mobilizing our team in April 2021 -- starting work first on the Town-owned utility corridor.

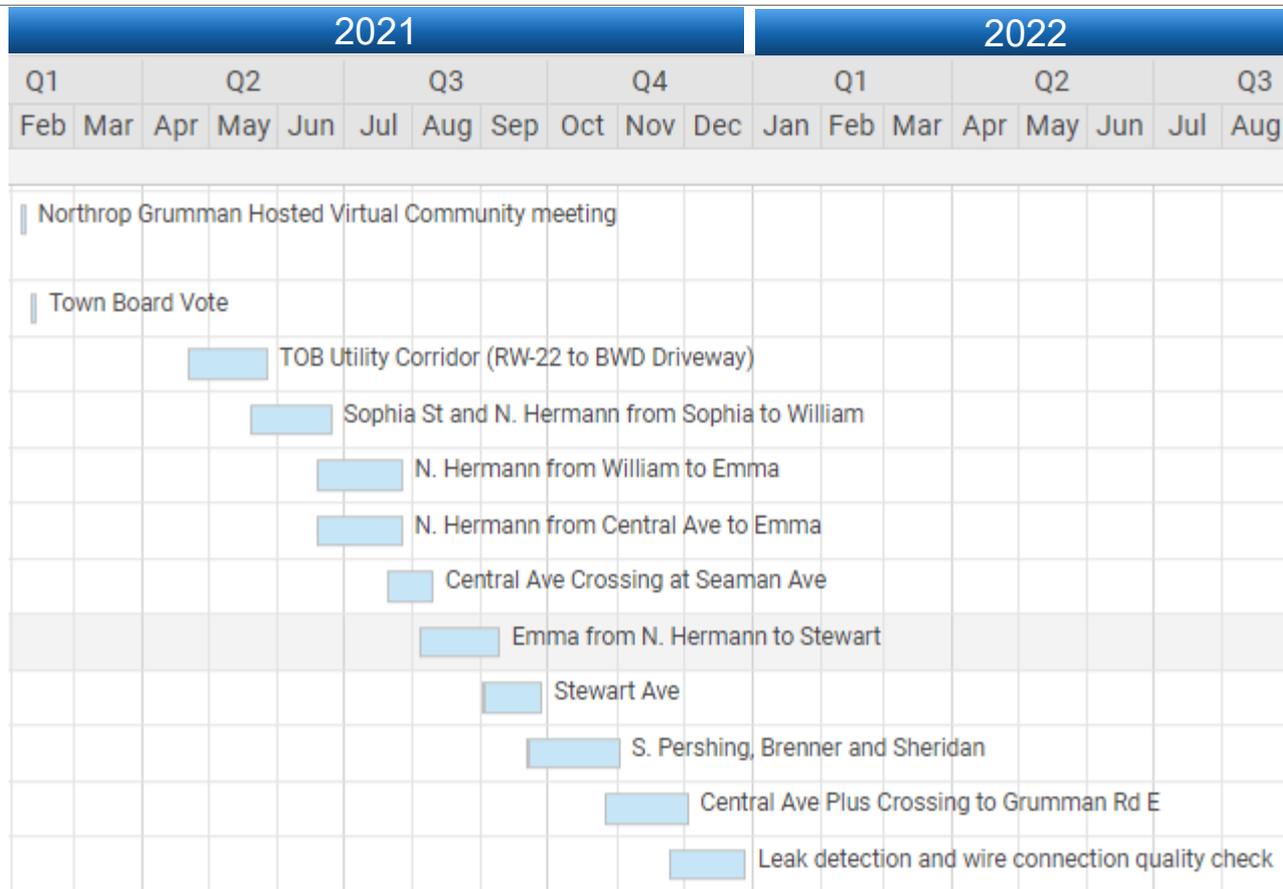
We will provide communication to you about our project work via our project website, US mail, and our opt-in email distribution.



# Preliminary Construction Schedule\*

We anticipate starting work in April 2021.

\*This preliminary schedule is contingent on timely approvals. It is also subject to change based on final input from our contractors and work is weather dependent.



## Example of our Work Along Grumman Road East



1. Segment of asphalt is cut and trench is created working around existing underground utilities
2. Pipeline is shaped and fused from 40' to 60' sections and installed
3. Metal plates are placed over trench at the end of the workday
4. Trench is backfilled and asphalt is applied

## Finished Work Along Grumman Rd East and Seaman Ave



Grumman Road East



Seaman Avenue

## While the Piping is Being Installed

Construction of our groundwater treatment facility will begin as soon as our permits are approved by the Town of Hempstead.

Once complete, we will connect the piping to the treatment facility.

We will then test the system equipment and startup operations of the treatment facility.

Once system operations commence, we expect to treat approximately 2.7 million gallons of water per day to State standards.

Treated water will be used to replenish the groundwater aquifer below via our south basins.



Artist's rendering of RW-21 groundwater treatment facility  
(looking Southeast)

# Town of Oyster Bay Board Meeting

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Our piping route application is on the agenda for the February 9, 2021 board meeting. We will attend the meeting virtually. We welcome your support at the meeting.

[Town Board Live Streaming – Town of Oyster Bay \(oysterbaytown.com\)](https://oysterbaytown.com)

## Our Continued Commitment

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Northrop Grumman continues to work closely with the NYSDEC, the U.S. Navy and other federal, state, and local government regulatory authorities, to address environmental conditions in the area.

We remain committed to pursuing scientifically sound, targeted and effective remedial approaches that protect the health and well-being of the community and avoid unnecessary disruption.

**For ongoing updates, visit our project web site**  
**[www.northropgrumman.com/bethpage](http://www.northropgrumman.com/bethpage)**

**Opt-in email to [Dianne.baumert-Moyik@ngc.com](mailto:Dianne.baumert-Moyik@ngc.com)**

**NORTHROP**  
**GRUMMAN**

The logo symbol consists of a thick horizontal line on the right side of the word "NORTHROP", which extends to the right and then turns 90 degrees downward to form a vertical line.