

Bethpage Offsite Groundwater Project

—
Treatment Facility Construction

Ed Hannon
Project Director

January 28, 2021

Agenda

- Welcome and introductions
- Current project accomplishments
- Treatment facility construction
- Questions via Zoom chat and telephone

RW-21 Project Status as of 1/27

Three wells installed ●

4,600 feet of piping installed —

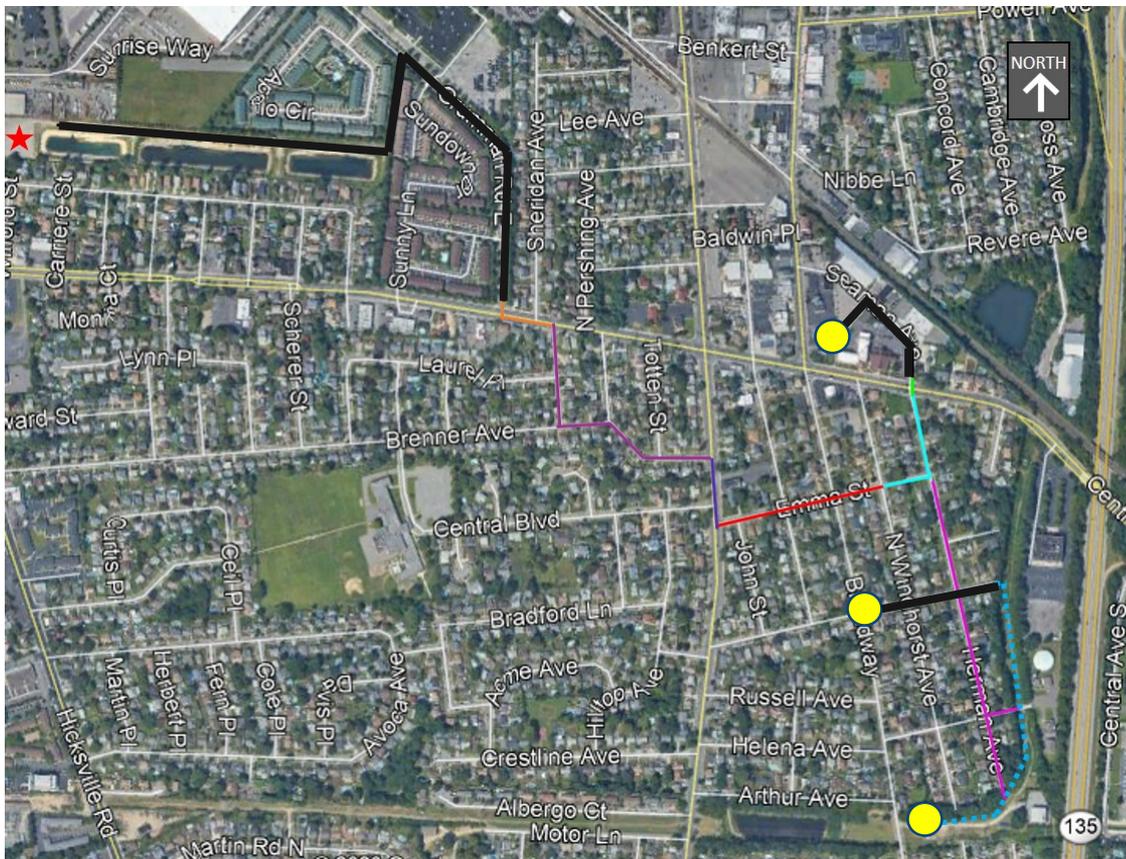
Survey completed in 2020 - - - - -

Areas surveyed (or near completion)

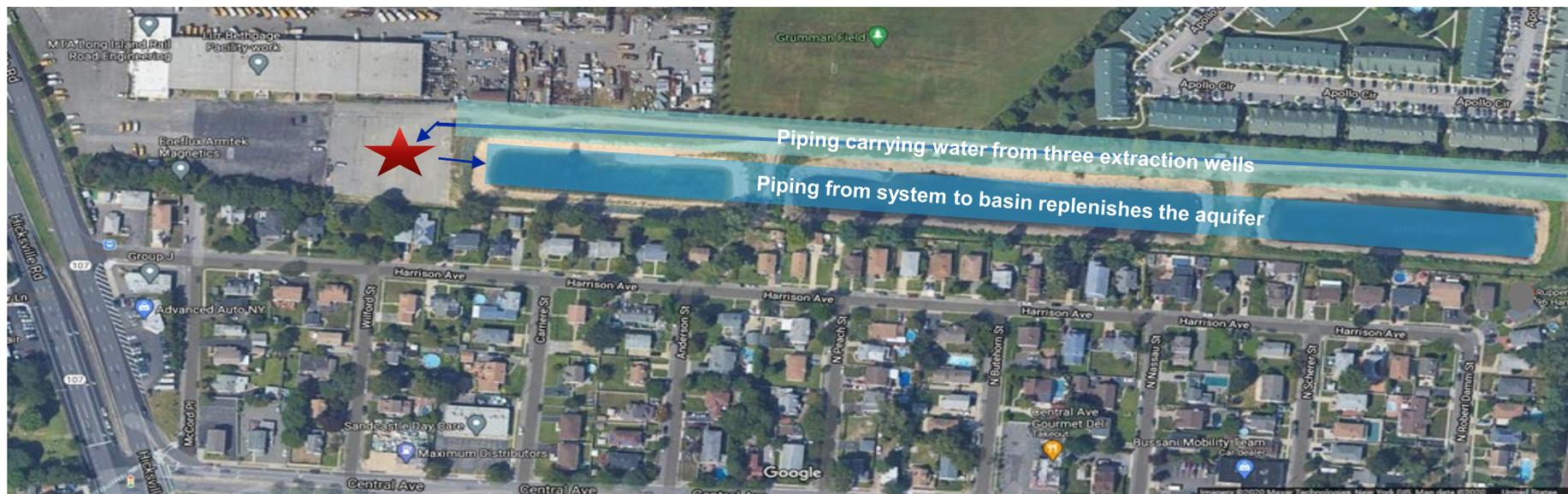
- ✓ N. Hermann Ave and Sophia St
- ✓ Emma St
- ✓ Stewart Ave
- ✓ S Pershing Ave, Brenner Ave, Sheridan Ave
- ✓ Central Ave (crossing at Grumman Rd and at Seaman Ave)
- Test holes at Central Avenue

New groundwater treatment facility to be built ★

We were not granted access to the Seavest-owned portion of the utility corridor. That route is no longer available for piping.

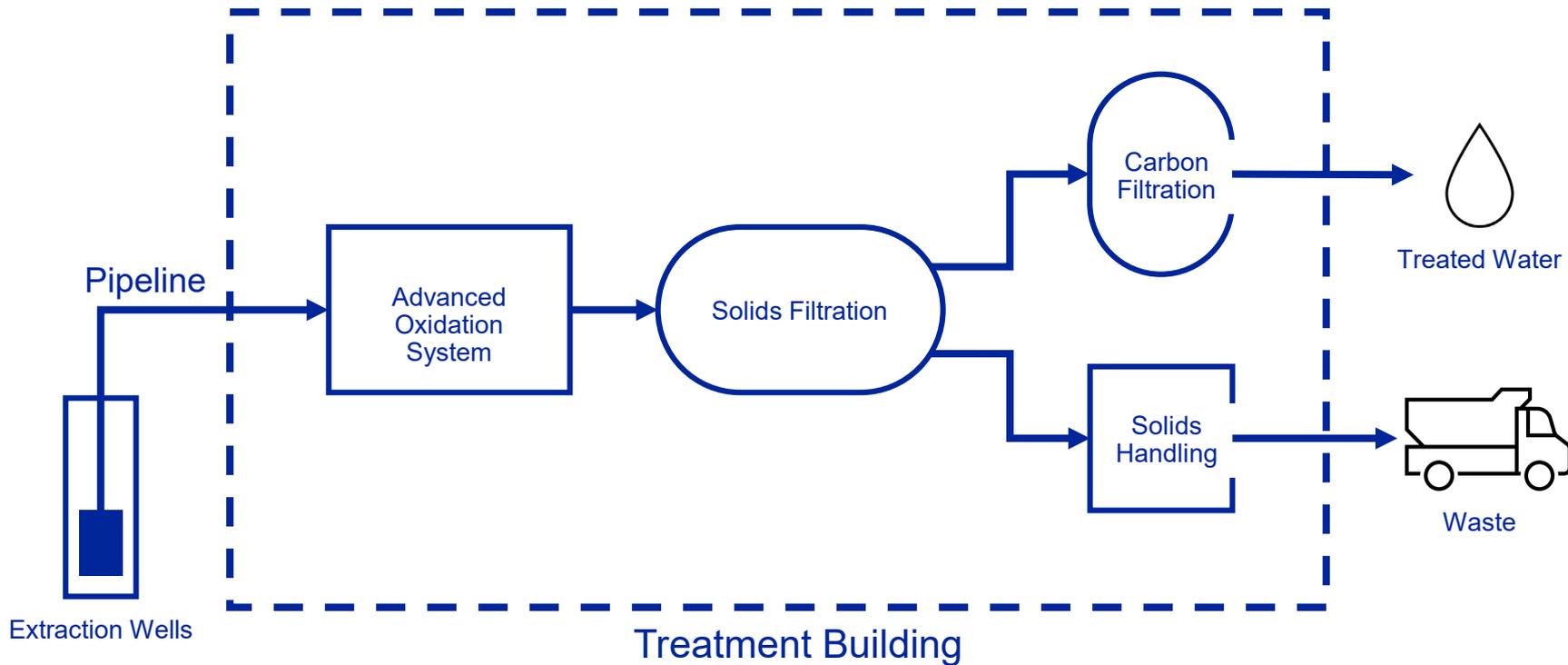


Treatment System Process



- Our 10,600 feet of pipeline carries extracted water from our three wells to the treatment system.
- The system treats the water to NY State drinking water standards.
- The aquifer is replenished via our basins.

RW-21 Treatment Process



Groundwater Treatment Facility

The building size is 126 feet long by 119 feet wide by 35 feet high at the peak of the roof. The state-of-the-art design has been approved by the NYSDEC.

Once the building shell is constructed, we will begin interior construction, including installing the treatment system equipment and connecting water, electric, gas, communications, and sanitary sewer.

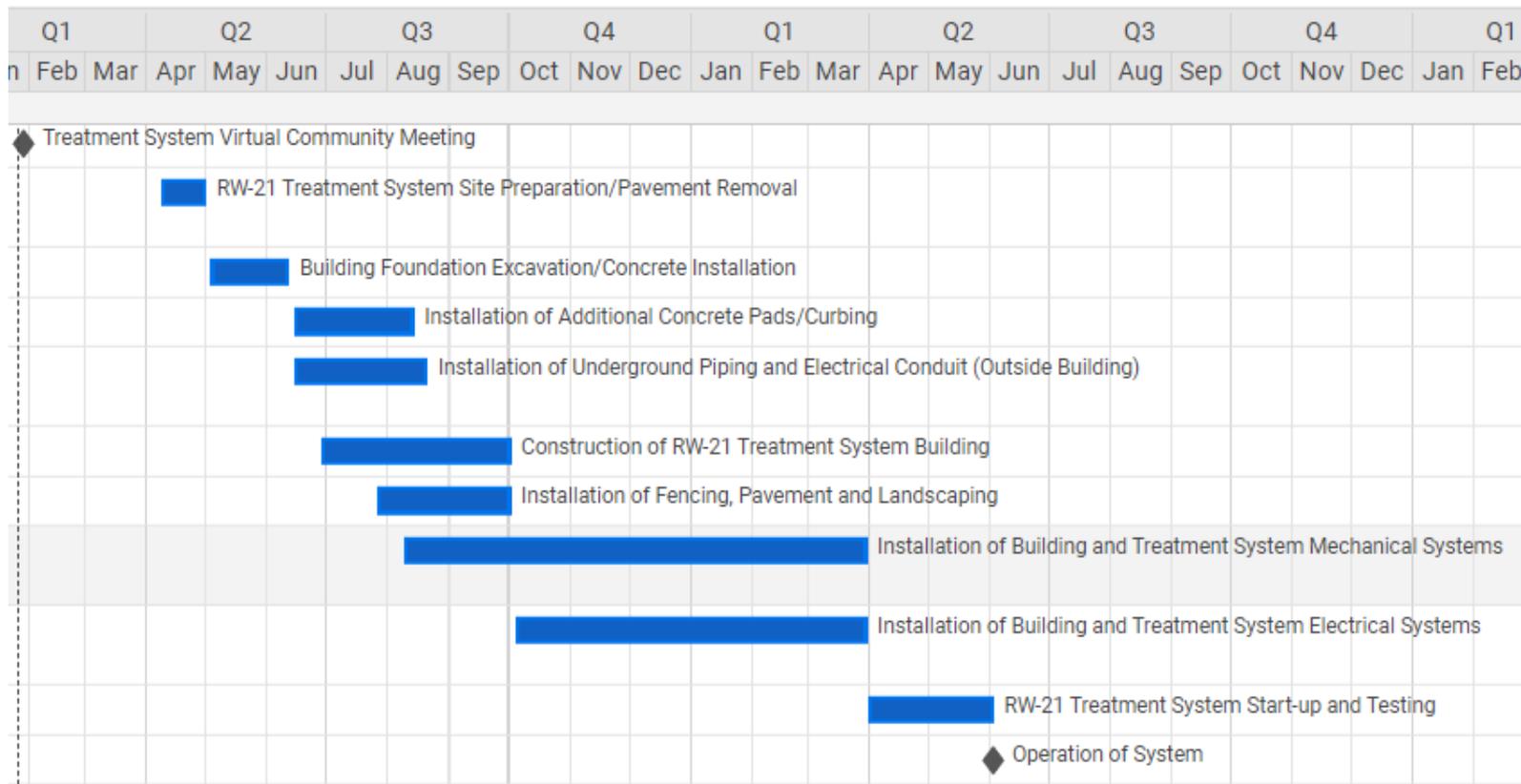
We expect this work to take approximately 12 months from the date of approval (weather permitting).



Artist's rendering of RW-21 Groundwater Treatment Facility
(looking southeast)

Our building permit application is under review by the Town of Hempstead Planning Department.
The Nassau County Fire Marshal has approved our project plan.

Construction and Start-Up Schedule*



*Timeline is subject to change and contingent on timely approvals

Example of construction process



Project Controls in Place

- Equipment and Materials
- Odors and Dust
- Noise
- Quality and Safety
- Traffic
- Vibration



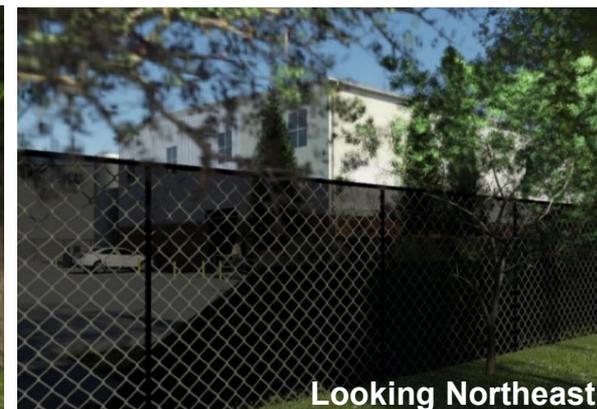
Building after completion

We expect to operate the facility 24 hours a day, seven days a week.

We will conduct routine system maintenance and monitoring as needed, in accordance with a NYSDEC-approved Site Management Plan.

Reliable and safe design.

Treating 2.7 million gallons a day.



Our next virtual meeting 2/4/21

**Topic: Northrop Grumman RW-21 Offsite Groundwater project community update
(results of feasibility study)**

Time: Feb 4, 2021 7:00 PM Eastern Time (US and Canada)

<https://ngc.zoomgov.com/j/16198095707>

Meeting ID: 161 9809 5707

Password: 003994

One tap mobile +16468287666,,16198095707# US (New York)

Dial by your location

+1 646 828 7666 US (New York)

Meeting ID: 161 9809 5707

Password: 003994

Our continued commitment

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

To opt-in to our email list 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. This symbol is positioned to the right of the word "GRUMMAN".