

Memo

To: Bethpage Residents
From: Edward Hannon, Project Director
Date: Tuesday, March 22, 2022, at 1 p.m.
Subject: RW-21 project update
Leak detection and fiber optic communication systems installation underway
Extraction well preparation to begin today
Groundwater treatment system building construction making solid progress
Routine groundwater sampling and water level measuring underway

Northrop Grumman is providing this progress report to you on our activities in support of the RW-21 groundwater treatment system project. As we noted in our [February 3, 2022, community update](#), we were preparing for the next phase of the system development.

Leak detection and fiber optic communication systems installation

The installation of the leak detection system throughout the 11,000 linear feet of piping has been underway since March 11. Over the next 80-110 days, our work crews will pull electrical wiring from large spools of cable affixed to flatbed work trucks throughout the route (linking the three well vaults and 24 manholes).

During this process, we will work with Verizon to use one of their poles to mount one electrical box to help power the leak detection system. In addition, we will tie in power from one of Northrop Grumman's existing onsite treatment system wells to support the Hickey Boulevard portion of the system. We will install fiber optic communication cable following the completion of this work. All work is weather dependent.



Extraction well preparation

With the Town of Oyster Bay's approval of our work plans, we are starting the next phase of the extraction well start-up efforts. Over approximately 60 days (weather permitting), we will test the water to determine its condition, clear all sediment that has settled onto the well screens underground (since installation of the three extraction wells was completed in 2017), and condition the well as needed to ensure it will work at optimum efficiency.

During each workday, the crew will use a rig (like the one shown here) to pump up sediment and water from the well and deposit it into a water collection tank. The tank will be periodically emptied by a water vacuum or pump truck (similar in size to a septic pump truck).



Depending on the pace of pumping, the water vacuum trucks may empty the water collection tank five or six times a day. All work is weather dependent. Each work area will be fenced-in to maintain the safety of the community, work crews and equipment.

[Click this link to view the three different well work zones and the schedule for each location as well as the schedule for leak detection system installation.](#) Once these efforts are complete, we will install the permanent pump and controls.

William Street single lane reduction through work zone

We have compressed the amount of space that our work areas need—however, in the case of our William Street well location (which is an active residential street) we will reduce traffic down to one lane each way from Broadway east about 80 feet for the time we are working in that area. The work zone fencing will end before the driveway of 40 William Street. We will not impact residential sidewalks.

Our flaggers will safely coordinate vehicle passage along the single lane. We ask that residents refrain from parking along the south side of William Street across from the work zone and you will see temporary no parking signage. In addition, we would appreciate everyone advising their landscapers working in the area to be aware of our work zone. You are welcome to share this message with them.

Coordination with Bethpage Schools

We are in contact with Stacey Popkin in the Bethpage School District Transportation office.

Groundwater treatment system construction continues

We continue to make solid progress on the construction of the groundwater treatment system. However, we are seeing some delivery impacts due to global supply chain issues. We hope to recover some of that time in our schedule and will have another update in the coming months.



Routine groundwater sampling and water level measuring underway

Our routine groundwater sampling and water level measuring program continues throughout the month of March at various locations. If you have specific questions, please contact Dianne Baumert-Moyik via mobile at (516) 754-2645 or via email at Dianne.baumert-moyik@ngc.com.

We appreciate everyone's continued support. Our project information can be found by visiting www.northropgrumman.com/bethpage. Thank you.