

**Bethpage Groundwater Remediation Well Treatment System Pipeline Installation Fact Sheet
Project Status as of January 2020**

This multi-phased project involves:

- 1) land surveys and utility mark-outs (work is complete);
- 2) soil sampling (work is complete);
- 3) site preparation (including video recording and radio communication tests);
- 4) equipment mobilization;
- 5) installation of an underground pipeline along a designated route and construction of a water treatment facility on company property;
- 6) connection of the pipeline to the treatment facility;
- 7) startup and operation of the facility.

The New York State Department of Environmental Conservation (NYSDEC) approved this project and we held two community meetings last year on June 13 and August 15. The company still requires Town of Oyster Bay (Town) approvals to continue along the process to project completion.

Pictured below is the proposed route of an underground pipeline



--- Tentative Pipeline Location along North Windhorst Ave

--- Tentative Pipeline Location along green belt

We will connect three individual remediation wells that we installed previously (noted as the starred areas on the picture) to a pipeline which begins at the greenway south of Sophia Street. It will traverse northward (along North Windhorst Avenue or along the greenbelt, subject to access) to Central Avenue.

The pipeline will turn west along Central Avenue to Grumman Road East/Hickey Blvd. It will then run west along Northrop Grumman’s south recharge basins. This pipeline will connect to a new treatment facility to be constructed on company property. Water treated to drinking water standards at the treatment facility will replenish the aquifer via our south and west basins.

What can I expect to see on my street or near my workplace?

Radio Communication Tests: We will perform radio communication system tests in the local area beginning January 8, 2020 that are designed to support communication between the groundwater treatment facility and the three wells. There will be no impact to home electronics or cellular telephone use as the radio broadcast frequency is within the range approved by the FCC for such communications and will not interfere with the operation of consumer electronics.

During the testing, we will use video recording devices and fiberglass telescoping poles to elevate radio transmission antennae for broadcasting. The poles will be positioned near groundwater well transmission locations, two well locations near our south basins, and the location of our proposed facility. Broadcast test duration at each well location is expected to last less than one hour. Broadcast test duration at our proposed facility is expected to last approximately two days. During the testing workers in traffic safety clothing will be along the curb side areas of public streets. We do not anticipate impacting traffic flow.

Work hours

7 a.m. to 5 p.m. from January 8-10, 2020.

Our Safety and Security Plan

Experienced, specially trained, qualified personnel will conduct the work in accordance with a Health and Safety Plan that meets or exceeds requirements of the Occupational Safety and Health Administration (OSHA).

Next Phase of Work

The pipeline design plan is currently underway and will be submitted to the NYSDEC for approval. Our pipeline work also requires access approval from the Town of Oyster Bay. When approved, we will communicate further details and a timeline of our planned activity such as trenching to install the pipeline. We will continue do our best to minimize any disruption to you and the community.

Questions?

For additional information, please contact Dianne Baumert-Moyik at Northrop Grumman, (516) 754-2645 or via email at dianne.baumert-moyik@ngc.com.

Our government partners in the project are:

Jason Pelton, Project Manager Division of Environmental Remediation Remedial Bureau D, Section B New York State Department of Environmental Conservation 625 Broadway, Albany, NY 12233 (518) 402-8768 Jason.Pelton@dec.ny.gov	James M. Sullivan, Public Health Specialist II Bureau of Environmental Exposure Investigation New York State Department of Health Empire State Plaza Corning Tower, Room 1787 Albany, NY, 12237 (518) 402-5584 beei@health.ny.gov
--	---

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 project information, visit www.northropgrumman.com/bethpage