

Phase 1 implementation of Northrop Grumman’s portion of the New York State Department of Environmental Conservation 2019 Amended Record of Decision for Bethpage, NY

This fact sheet provides an update on our ongoing New York State Department of Environmental Conservation (NYSDEC)-approved projects in Bethpage, New York. During our Phase 1 work, we are drilling six vertical profile borings (VPB) southeast from our site to collect soil and groundwater samples at various vertical depths. See area map below.

The VPBs enable us to research, define, and then map groundwater conditions in the general area between Wilson Lane on the north, Stewart Ave on the west, Boundary Avenue on the south and Bethpage State Parkway.

This additional research (in what is known in the Amended Record of Decision as the southeast quadrant area) will help us to understand how chemicals from production operations during World War II may or may not have migrated southeast of the site. The objectives of this field investigation are to better define the horizontal and vertical extent of groundwater contamination, evaluate migration, and determine concentrations of volatile organic compounds and 1,4 Dioxane.

This scientific data will be analyzed by a local independent laboratory and results will be shared with the NYSDEC and NYSDOH. The information we learn will drive our next actions (which may include installing monitoring wells, extractions wells, or both, or closing the VPB). Monitoring wells will allow us to routinely sample water conditions. Extraction wells will enable us to extract groundwater from a specific area that requires treatment (without impacting water that does not need treatment) and pipe the water to a treatment plant for processing to drinking water standards before returning it to the local aquifer below.

As we have done for more than 25 years, 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.

Work Schedule and Locations

We have completed two of the VPBs. Our contractors will begin work on two more VPBs (ESE 05 and ESE 06) later this week. Work hours are Monday through Friday from 8 a.m. to 5 p.m. (except Town and Federal holidays) and work is weather dependent.



Examples of our Vertical Profile Boring work sites



The photos above illustrate two vertical profile boring work sites. Our contractors follow all work zone, safety, traffic and air monitoring protocols and that plan is approved by the NYSDEC and the Town of Oyster Bay.

We will keep residents and officials routinely informed of our work schedules and progress through email and our project web site. You can read more about this project on our web site www.northropgrumman.com/bethpage

Questions?

Contact Dianne Baumert-Moyik at Northrop Grumman
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Our government partners in the project are:

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