

Phase 2 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 2 work, we are drilling four vertical profile borings (VPB) southeast of our legacy operations to collect soil and groundwater samples at various vertical depths.

The VPBs enable us to research, define, and then map groundwater conditions in the general area between Arthur Avenue/Greenway to the north, Stewart Avenue to the west, Boundary Avenue to the south and Bethpage State Parkway to the east. See specific work area maps below.

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 NYS Department of Health (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 30 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.

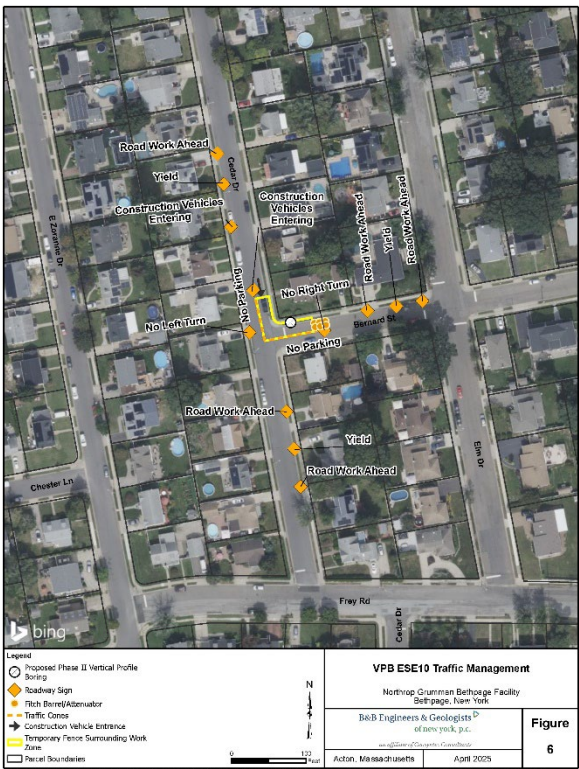
Work Schedule and Locations

Work hours are Monday through Friday from 8 a.m. to 5 p.m. (except Town and Federal holidays) and work is weather dependent. Each worksite is estimated to be in place for seven weeks (weather permitting).

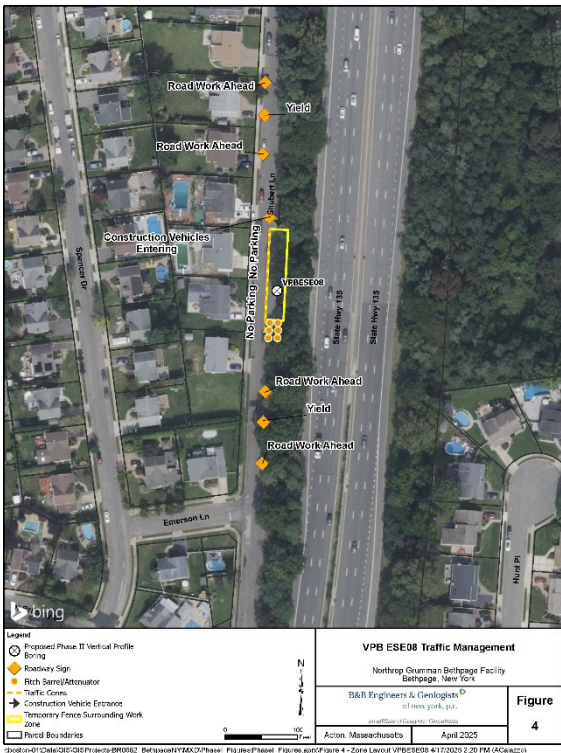
VPB ESE 09 with traffic safety layout
Start Date: July 21, 2025



VPB ESE 10 with traffic safety layout
Start Date: August 11, 2025



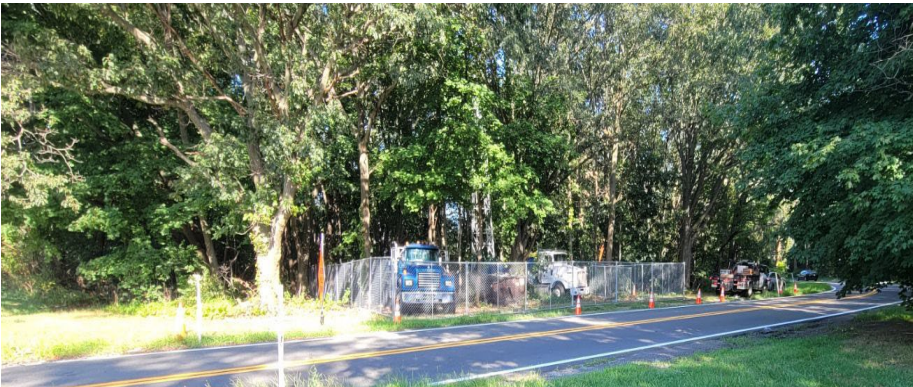
VPB ESE 08 with traffic safety layout
Start date: September 8, 2025



VPB ESE 07 with traffic safety layout
Start date: September 29, 2025



Examples of Northrop Grumman’s Vertical Profile Boring (VPB) work sites



(Left) Our Phase 1 VPB work along Bethpage State Parkway and Hempstead Turnpike in 2024.
(Below) Our VPB installation at Wilson and Broadway completed in 2017.

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.

Questions?
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Our government partners in the project are:

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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.

July 10, 2025