

THE VALUE OF PERFORMANCE.

**NORTHROP GRUMMAN**

## *Environmental Update* *Bethpage, N.Y.*

*April 2018*

### **Introduction**

For over 20 years, Northrop Grumman has worked closely with the New York State Department of Environmental Conservation (NYSDEC), the New York State Department of Health (NYSDOH), the U.S. Navy, and other federal, state, and local regulatory agencies to investigate and remediate legacy environmental conditions relating to the former U.S. Navy/Grumman facility in Bethpage, N.Y. The company has entered into three consent agreements with the NYSDEC and is implementing its obligations under these agreements. The company continues to conduct a variety of assessments and remedial activities.

### **Company History**

Grumman was founded in Baldwin, N.Y., in 1929 and operated in Bethpage from 1937 to 1996, primarily as a U.S. government-owned, contractor-operated manufacturing facility producing aircraft for the U.S. Navy. During World War II, thousands of employees at the 600-acre site produced an award-winning 12,200 F-6F Hellcats for the U.S. Navy – one of several Grumman aircraft instrumental in achieving victory in the Pacific.

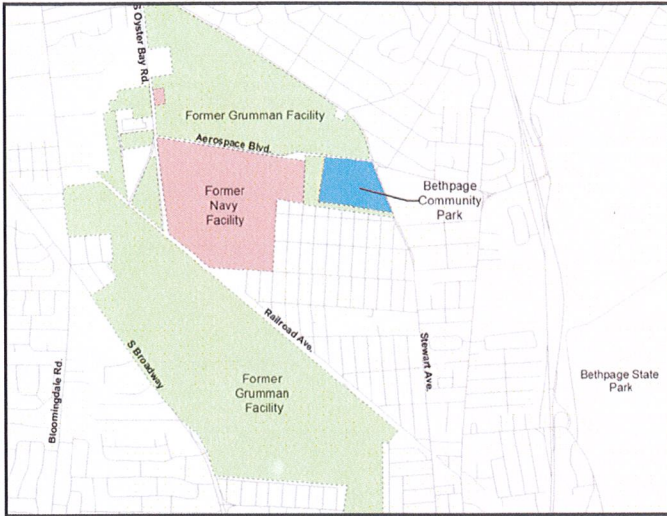
During the space race, employees designed and built the Apollo lunar module, which carried Neil Armstrong and other astronauts to the moon and back. Later, employees built the U.S. Navy's venerable F-14 Tomcat made famous in the movie,

Top Gun, and the E-2C Hawkeye. This airborne early warning system is still protecting our nation's aboard U.S. aircraft carriers today. In 1994, Northrop Corporation acquired the Grumman Corporation, and since that time, the company has been known as Northrop Grumman. Generations of Long Islanders have proudly worked at the company.

### **Our Environmental Efforts**

In the 1980s and 1990s, Grumman, and then Northrop Grumman, sought to understand how legacy military production operations, that were standard practices during America's history, may have contaminated soil and groundwater. The company's investigation found evidence of volatile organic compounds (VOCs), metals, and polychlorinated biphenyls (PCBs) in soil and VOCs in groundwater at the site.

In the early 1990s, Northrop Grumman funded wellhead treatment at two Bethpage Water District Plants. Northrop Grumman also designed and constructed an on-site groundwater containment and remediation system at the southern border of the former Navy/Grumman facility to contain and treat groundwater at the site. That system continues to operate and returns treated water back into the aquifer below. The company's ongoing evaluation shows it is effectively capturing groundwater contaminants as it was designed to do.



Beginning in 2008, Northrop Grumman installed and began operating on-site soil vapor and groundwater treatment systems along the southern and western boundaries of the Bethpage Community Park. Those systems also continue to operate effectively. The company is currently installing an additional NYSDEC-approved off-site groundwater remedial system to capture and treat groundwater south of the Park and is preparing to remediate areas of Park soil.

### Cooperation with U.S. Navy and NYSDEC

In addition to Northrop Grumman's groundwater remediation, the U.S. Navy is conducting groundwater investigations, is responsible for treating groundwater at two locations (GM-38 and RE-108), and is funding wellhead treatment for several water districts. In cooperation with the U.S. Navy, Northrop Grumman regularly samples a network of groundwater monitoring wells and provides data on groundwater conditions to the NYSDEC.

NYSDEC has concluded that the remedial actions collectively being undertaken by Northrop Grumman and the U.S. Navy are protective of human health and the environment and comply with federal, state, and local requirements.

### Wellhead Treatment

Water districts routinely monitor their water so residents continue to have safe drinking water that meets or exceeds New York State drinking water standards. Where appropriate, wellhead treatment is installed. Such systems are commonly used in Long Island's public water supply wells.

### Document Repository

Documentation of Northrop Grumman's activities, reflecting the company's long and close collaboration with NYSDEC, NYSDOH, the U.S. Navy, and other federal, state, and local regulatory agencies to address environmental conditions in the area, is available for review at the Bethpage Public Library, 47 Powell Avenue, Bethpage, NY 11714.

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