

Former Unisys Site, Great Neck, N.Y Recovery Well Vault Electrical Upgrades

Spring 2021

As a result of historical defense and industrial operations at 1111 Marcus Avenue in Lake Success on Long Island, NY dating back to World War II, contaminants were released to the environment and impacted area groundwater. Lockheed Martin purchased the site in 1996 and has been responsible for the environmental cleanup since.

As part of that cleanup work, Lockheed Martin operates two groundwater treatment systems (GWTSS) called Operable Unit 1 (OU1) and Operable Unit 2 (OU2). OU1 is located on the site and OU2 is located just north of the site to the east of Tanners Road. The treatment systems extract groundwater from four recovery wells at OU1 and one recovery well at OU2 prior to treatment via air strippers. The treated groundwater is then pumped to diffusion wells and is reinjected back into the aquifer.

The treatment systems require upgrades as components reach the operational life expectancy and need to be upgraded to improve reliability of the system. The existing electrical and instrumentation controls at three of the OU1 recovery wells and at the OU2 recovery well require upgrades. In addition to the electrical upgrades, a variable frequency drive (VFD) will be installed at the OU2 extraction well to improve pump efficiency.

The work is anticipated to occur beginning in March and will continue through July 2021.

Work is being performed under the purview of the New York State Department of Environmental Conservation.

For more information about site remediation activities, go to www.lockheedmartin.com/greatneck.

For questions, please contact Lockheed Martin communications at 800.449.4486.

