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Town of Niskayuna Completes Milestone in Wastewater Treatment Plant Upgrades

New Ultraviolet System Will Help Disinfect Wastewater Prior to Release to Mohawk River

Niskayuna, N.Y. (October 18, 2017) – Niskayuna Town Supervisor Joe Landry today announced that a new ultraviolet (UV) system at the Niskayuna Wastewater Treatment Plant went into service and began disinfecting the wastewater effluent prior to release to the nearby Mohawk River. This new UV system replaces a chlorine-gas disinfection system that was more than 30 years old, thereby improving disinfection capabilities and eliminating chlorine disinfection byproducts from being released into the Mohawk River. This system is one of several upgrades implemented by Energy Systems Group (ESG), a leading energy services provider and prime contractor of a multi-year project that will include comprehensive improvements to the Town of Niskayuna's wastewater treatment plant. The new systems will improve treatment during storms and wet weather, ensuring the protection of the nearby Mohawk River.

“These enhancements will modernize the various mechanical and electrical systems at the plant and afford additional environmental protections for the Mohawk River,” stated Niskayuna Town Supervisor Joe Landry. “We look forward to working with ESG to deliver the best project for our residents.”

“This is another step in our ongoing commitment to improve the town's infrastructure. I am very proud of this project,” said Councilwoman Denise Murphy McGraw, Chair of the Public Works Committee. “It's been a great collaborative effort and I'm excited about the next steps.”

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“Energy Systems Group is proud to partner with the Town of Niskayuna to implement these innovative infrastructure improvements that will make the wastewater treatment plant more efficient as well as help protect the Mohawk River,” said Greg Collins, ESG President. “We commend the town leadership for their innovative and strategic vision for promoting economic growth, environmental conservation, and sustainability.”

This UV system marks another milestone in completion of the Town’s modernization infrastructure project at its Wastewater Treatment Plant. The project centers on ensuring the facility effectively treats what enters it during storms and other “high flow” events. The plant’s new ability to produce energy on-site will make it an energy net zero facility. Other completed upgrades include the installation of baffles in the primary clarifiers and the construction and operation of a wet weather equalization tank. Upgrades geared for completion later this year include the installation of new secondary clarifiers.

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