

## Former Dzus Fastener Company Site Remediation Willetts Creek and Lake Capri

New York State Superfund Program

425 Union Boulevard West Islip, New York 11795

### WHO TO CONTACT



Comments and questions are always welcome and should be directed as follows:

#### PROJECT-RELATED QUESTIONS:

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#### HEALTH or PROPERTY SAMPLING-RELATED RESULTS QUESTIONS:

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Albany, New York 12237  
(518) 402-7860  
jacquelyn.nealon@health.ny.gov

FOR INFORMATION ON THE  
DZUS FASTENER SITE  
REMEDIATION PROGRAM:  
<http://www.dec.ny.gov/chemical/114710.html>

Questions/Concerns can also be directed to: [Dzus@eaest.com](mailto:Dzus@eaest.com)

DEC, DOH, and the entire Dzus Team would like to extend warm wishes to the community for the holiday season. Please note that due to the upcoming holiday, work at the site will not be occurring from 21 December through 5 January 2019. Site security will be maintained during this period.

The New York State Department of Environmental Conservation (DEC) is committed to a careful and thorough cleanup of Willetts Creek, Lake Capri, and the surrounding impacted properties while keeping the West Islip Community informed of our actions. Our top priority is ensuring that students, faculty, and all other community members do not come into contact with any site-related contamination. DEC and the New York State Department of Health (DOH) are coordinating closely with the project contractors to facilitate completing this work expeditiously to limit impacts to community stakeholders.

The project has a new DOH Project Manager, Jacquelyn Nealon, who has been working on Long Island cleanup projects since 1994. She is replacing Scarlett McLaughlin, who was recently promoted. Congratulations Scarlett and welcome aboard Jacquelyn.

Recently, on November 20, DEC, DOH, EA Engineering, and Severson Environmental Services enjoyed presenting an overview of the environmental cleanup to the high school Science National Honor Society, Environmental Club, research classes, Science Department Faculty, and interested individuals for the school district. Presenters offered the information with a focus on the types of career opportunities available in the Science, Technology, Engineering, and Mathematics (STEM) fields.

This update includes the latest information on cleanup progress in Willetts Creek and Lake Capri, as well as the status of the Willetts Creek Tidal Area Investigation. We encourage you to sign-up for our **LISTSERV** to continue receiving updates on these actions and future public information sessions.

**LISTSERV: SIGN-UP TO STAY INFORMED**

<https://www.dec.ny.gov/chemical/61092.html>

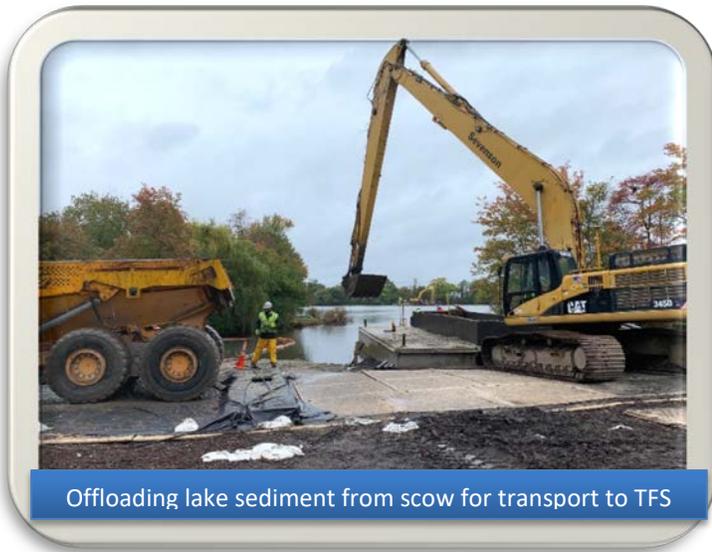


## Construction Activities and Schedule

Work behind Captree Plaza and along Beach Street Middle School is substantially complete with only minor restoration activities remaining. The middle school athletic fields have been sodded and new fencing has been installed along the length of the creek adjacent to school property. Restoration activities are continuing to progress from the middle school south along Willetts Creek adjacent to the high school. Removal of contaminated material from Willetts Creek has largely been completed except for a few excavations in several adjacent residential properties. Tree plantings and seeding of restored areas is ongoing and moving south along Willetts Creek. Seeding and smaller plantings are being placed prior to larger trees. Larger trees are being staked and mulched after being planted.



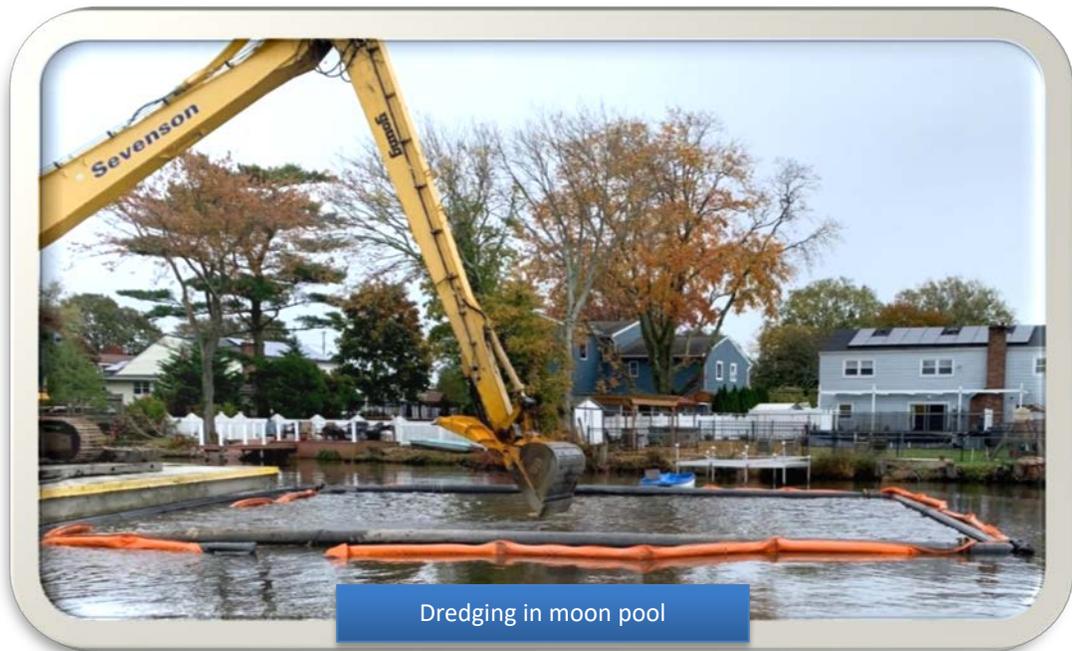
Dredging in Lake Capri is on schedule and the contractor has completed the initial cleanup pass of the lake. Additional dredging will occur in areas of the lake where confirmation sampling indicated removal is needed. The contractor is performing dredging within a "moon pool" to contain turbidity to the immediate work area. A barge-mounted excavator places the dredge material into a scow which is offloaded at the north end of Lake Capri. At the north end, water is removed from the scow and temporarily containerized before being pumped to the water treatment plant. Dredged sediment is then loaded into off-road dump trucks which transport the material to the temporary fabric structure (TFS) at the West Islip High School. The sediment is processed within the TFS prior to being trucked off-site for disposal.



Offloading lake sediment from scow for transport to TFS



Sediment processing within TFS



Dredging in moon pool

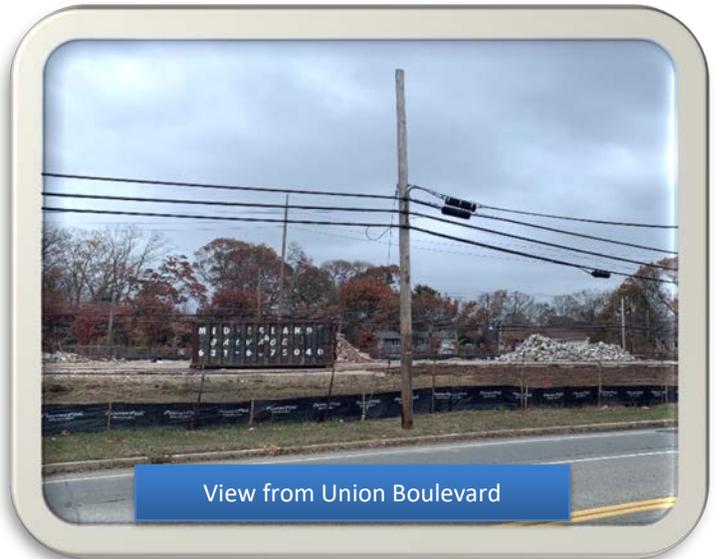
## What is happening at the former Dzus Fastener facility?

Work being done at the former facility at 425 Union Boulevard is not part of the remedial cleanup project. A private developer has demolished the former Dzus Fastener facility and will be redeveloping the lot into commercial space. The developers are planning a project that will include a market and gas station, a free-standing restaurant, and a 9,000-square-foot retail center.

The developer has obtained the required demolition permits from the Town of Islip. For further information please contact the Town of Islip Building Permit Division at (631) 224-5466.



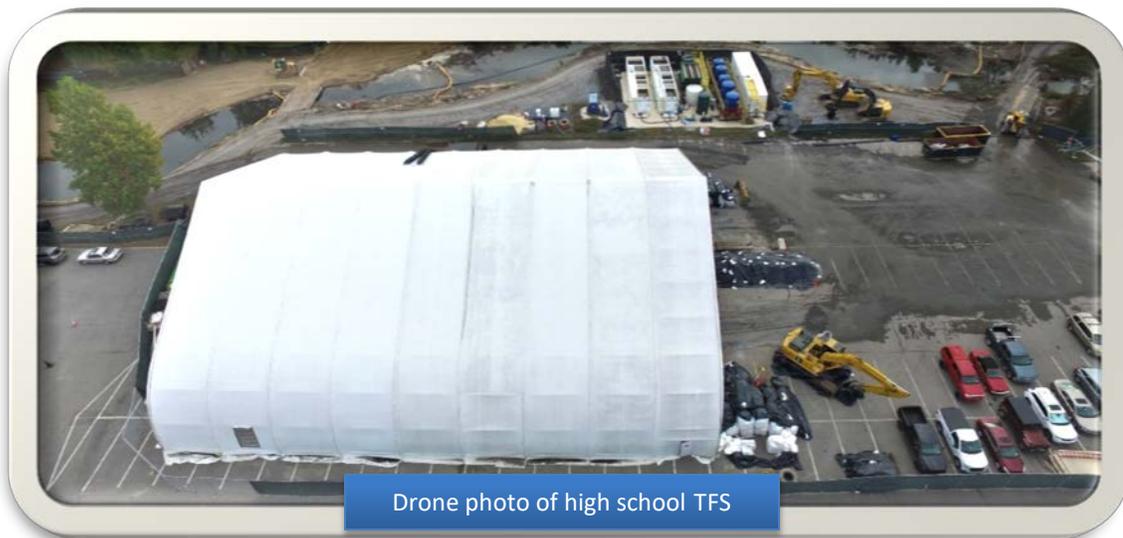
Demolished buildings



View from Union Boulevard

## Drone flight of project area.

On November 11, DEC launched another Unmanned Aircraft System (UAS), known as a drone, for the purpose of documenting the ongoing remedy. The UAS was flown over the activities in the Willet's Creek corridor and Lake Capri (inside the work zone perimeter fencing installed by Severson Environmental Services along the creek or below the lake's high water mark). A scheduled flight is being contemplated during the winter holidays.



Drone photo of high school TFS

## Willetts Creek Tidal Area Investigation

The investigation of sediment in the tidal area of Willetts Creek and soil sampling of adjacent properties in the floodplain (Operable Unit 5) is mostly complete. Sampling was conducted during the week of September 16 to evaluate ecological risks and refine the limits of contamination. Sediment was collected from 49 locations of known contamination to perform an evaluation of potential toxicity to benthic organisms. Concentrations of cadmium and chromium were also evaluated from those locations to aid in the toxicity evaluation and to refine the limits of contamination.

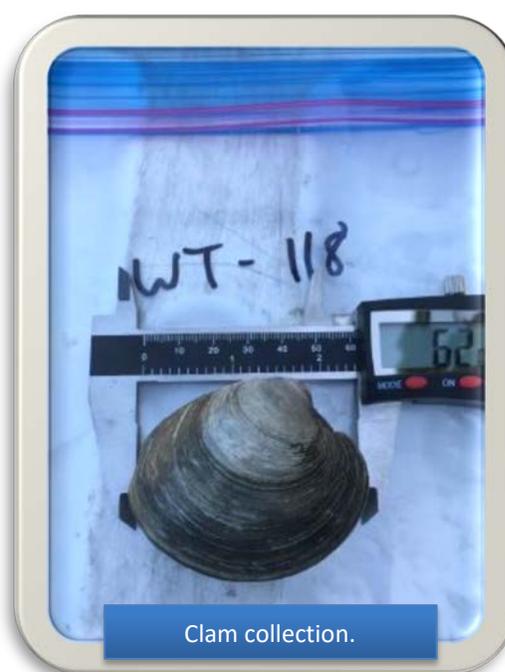
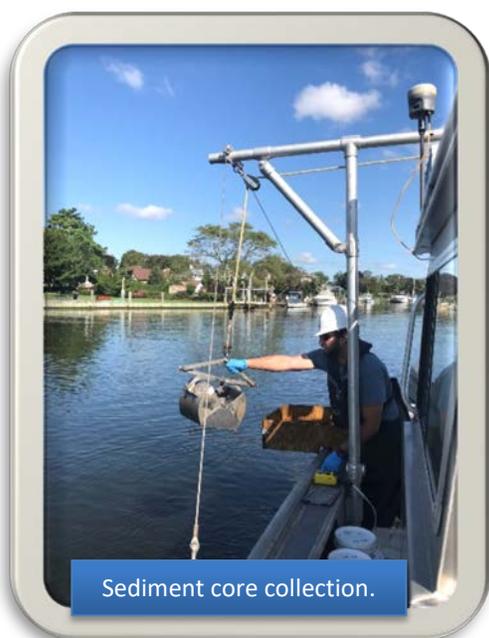
Hard shell clams were also collected and analyzed for cadmium and chromium, to aid in evaluation of human health risk. During the test, organisms (amphipods) are introduced to each sample container to determine if contamination in the sediment has any effect on survival over the 28-day test period. The results are also compared to reference samples, in which the organisms are exposed to clean sediment

The 28-day toxicity test was completed at EA's Toxicology Laboratory, and evaluation of the data is underway. A final report summarizing the results of the toxicity testing is expected by the end of the year.

Floodplain sampling resumed during the week of October 21 and concluded in early November. As data becomes available, DOH will be contacting property owners to review sampling results. Any questions regarding the property-specific soil sample results can be directed to Jacquelyn Nealon at 518-402-7860.

Following the remedial investigation (RI) of Operable Unit 5, the RI Report will be created with an expected release date of Spring 2020 to summarize all results of the investigation work. Following the RI Report, a Feasibility Study will be conducted during 2020 to develop and evaluate various alternatives for the cleanup of contamination found during the investigation. Following the Feasibility Study, a Proposed Remedial Action Plan will be developed and public comments on the proposed cleanup will be solicited, including a public meeting held by DEC to discuss the proposed remedy. This will occur after the Feasibility Study is complete and the Proposed Remedial Action Plan has been drafted.

Additional information is being sought from property owners regarding the bulkheads along the tidal area. It is possible that contaminated sediment was removed during bulkhead construction or repair and placed on adjoining properties. Please contact the DEC if you have information (permits, construction details) pertaining to bulkheads on your property.



## WHERE TO FIND INFORMATION



Project documents are at these location(s):

**West Islip Public Library**  
3 Higbie Lane  
West Islip, New York 11795  
(631) 661-7080

**Region 1 NYSDEC Headquarters  
SUNY at Stony Brook**  
50 Circle Road  
Stony Brook, NY 11790  
(631) 444-0200  
(call for an appointment)

Project documents are also available on the NYSDEC website at:

<http://www.dec.ny.gov/chemical/114710.html>

or through the DECinfo Locator at:

<https://www.dec.ny.gov/data/DecDocs/152033/>

## Community Liaison Plan

DEC developed a Community Liaison Plan as a roadmap to the sources for information regarding the Dzus Superfund Site itself, as well as those project activities that may engender public interest and inquiries.

Visit: <http://www.dec.ny.gov/chemical/114710.html> for a copy of the Community Liaison Plan.

## Project E-mail Address

An e-mail address has been established to address comments, questions, or concerns raised by residents during construction. Inquiries can be sent to [Dzus@eaest.com](mailto:Dzus@eaest.com).

## Weekly Updates

A weekly door hanger is being distributed to residences adjacent to Willetts Creek and Lake Capri. The hanger provides an overview of what may be happening in the vicinity of nearby properties the following week. If you would like to receive the weekly update via e-mail, please e-mail your request to [Dzus@eaest.com](mailto:Dzus@eaest.com)

## Air Monitoring

Data from the Community Air Monitoring Plan (CAMP) will be posted at the following website: [www.dec.ny.gov/chemical/114710.html](http://www.dec.ny.gov/chemical/114710.html).

## Health and Safety

Safety is a priority on all DEC projects. All workers employed at the site attend a daily safety meeting prior to beginning work for the day. All workers are required to have current documentation, certification, and physicals prior to performing work.