

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:

Sarah Saucier, P.E.
Project Manager NYSDEC
Remedial Bureau E, Section C
625 Broadway
Albany, New York 12233
sarah.saucier@dec.ny.gov
(518) 402-9675

HEALTH or PROPERTY SAMPLING-RELATED RESULTS QUESTIONS:

Scarlett McLaughlin, P.G.
NYSDOH
Empire State Plaza
Corning Tower, Room #1787
Albany, New York 12237
(518) 402-7860
scarlett.mclaughlin@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

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 the community.

Drinking water provided to the residents of West Islip is supplied by the Suffolk County Water Authority (SCWA) and is not affected by site-related contamination. SCWA complies with strictly-enforced standards established by the United States Environmental Protection Agency and the New York State Department of Health. New York State's standards are among the most stringent in the country. Results of routine water sampling and associated annual water quality reports are available online at <https://www.scwa.com/water-quality/water-quality-reports/>

This update includes the latest information on progress to address sediment contamination in Willetts Creek and Lake Capri, contaminated soils on adjacent properties, 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.

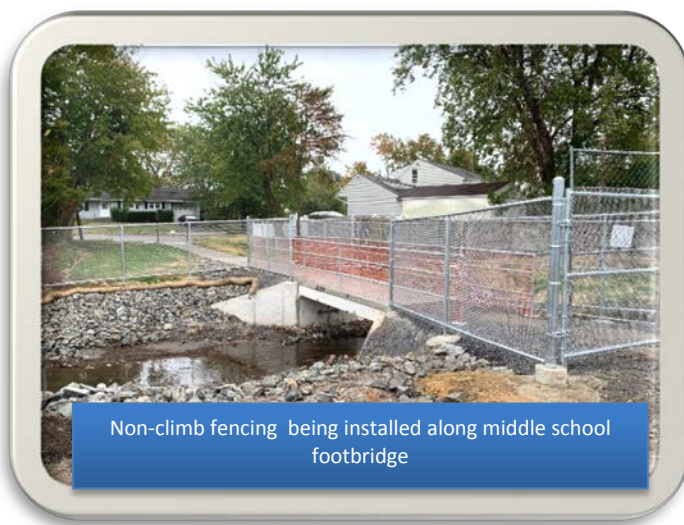
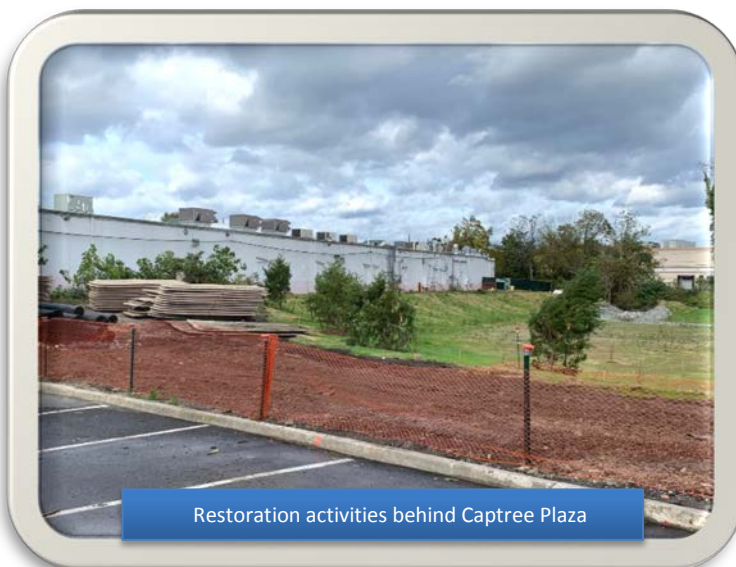
LISTSERV: SIGN-UP TO STAY INFORMED

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

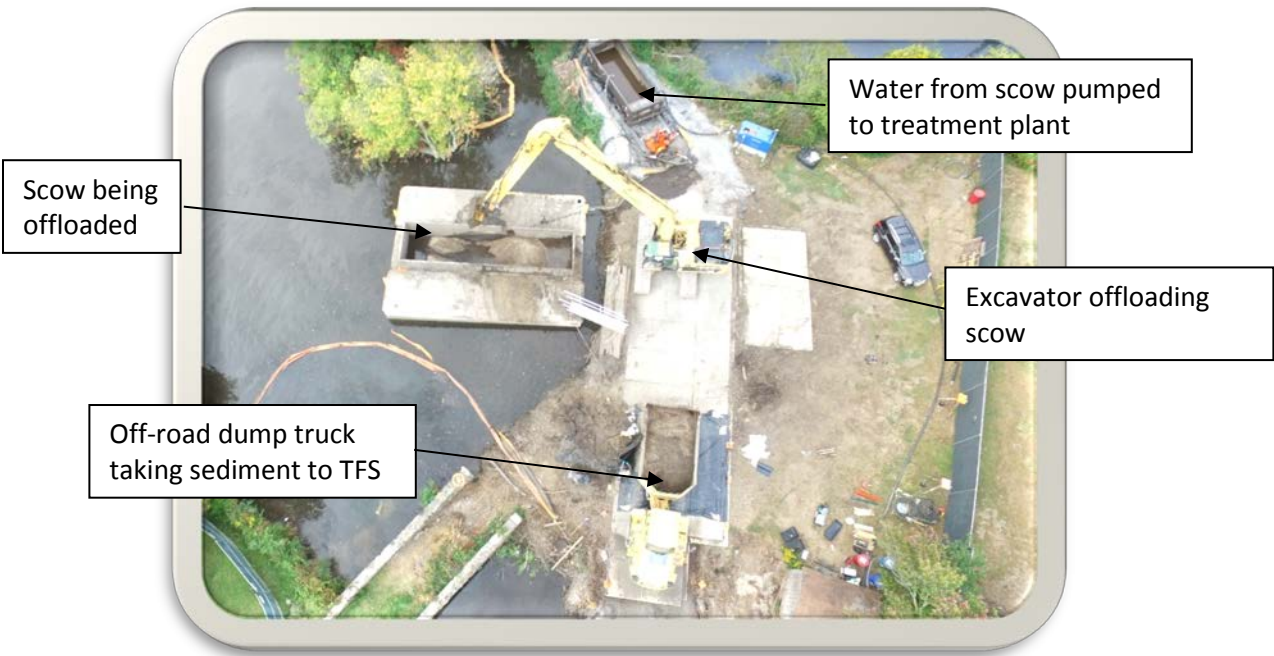
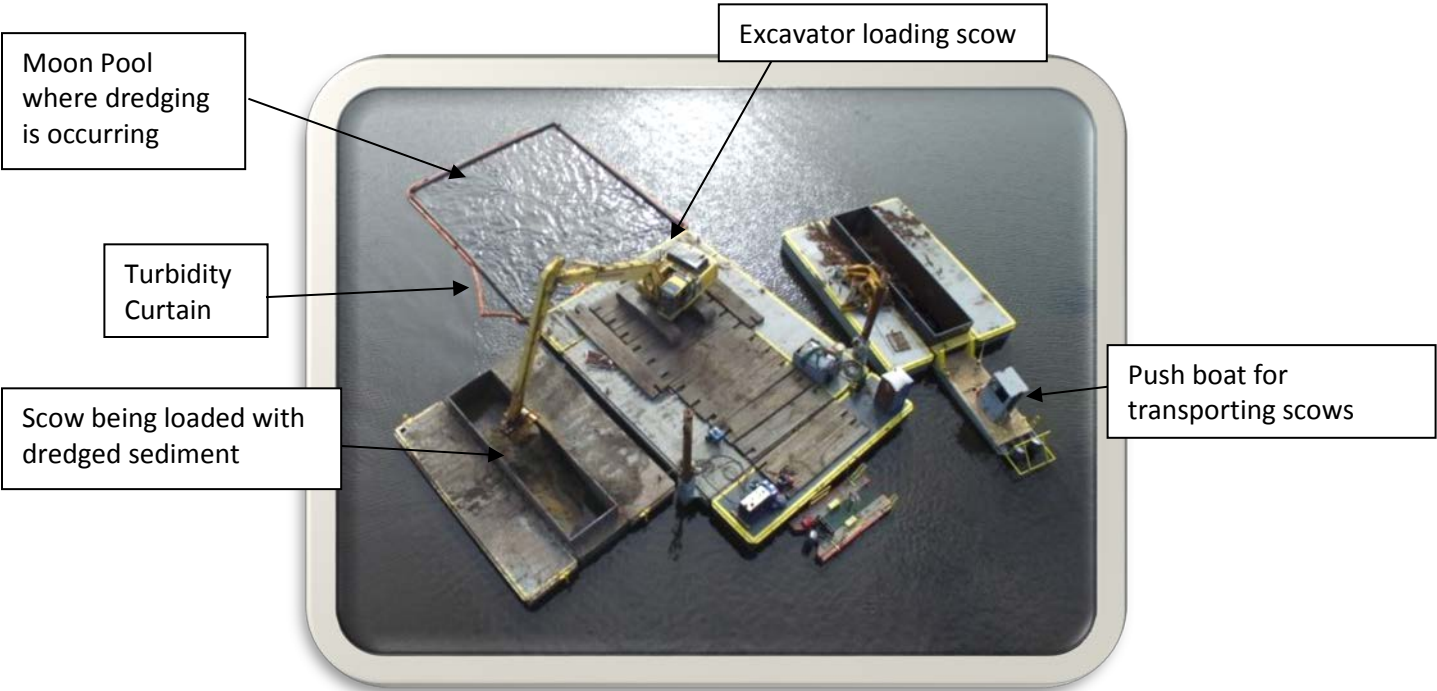


Construction Activities and Schedule

Restoration activities are continuing to progress from Captree Plaza south along Willetts Creek adjacent to the High School. Removal of contaminated material from Willetts Creek from behind Captree Plaza to Lake Capri has largely been completed except for a few excavations in several adjacent residential properties. The temporary fabric structure (TFS) at the Beach Street Middle School has been removed and restoration along the school athletic fields is progressing through removal of the temporary access road and sodding the road footprint. 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. Non-climb fencing has been installed along the middle school footbridge to keep children from climbing the fence in this area.



Dredging in Lake Capri is on schedule. 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 being offloaded at the north end of Lake Capri. Once 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 where it is processed prior to being trucked off-site for disposal at appropriately permitted facilities.



What will be done to secure the middle school once restoration is complete?

A new six-foot chain link fence with privacy inserts will be installed along the entire length of the Beach Street Middle School athletic fields at Willetts Creek. This fence will serve to secure school property and is an additional safety measure that provides a physical barrier to prevent children from entering the creek.



Drone flight of project area.

DEC launched an 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 high water mark).

Any imaging inadvertently captured outside this area is being cropped and removed from the final imagery. Once image cropping is complete, the imagery will be posted on the DEC's webpage dedicated to the Dzus Fastener Environmental Cleanup to provide the public a birds-eye view of the cleanup activities and associated restoration.

A second drone flight is currently being scheduled for November 11, 2019.

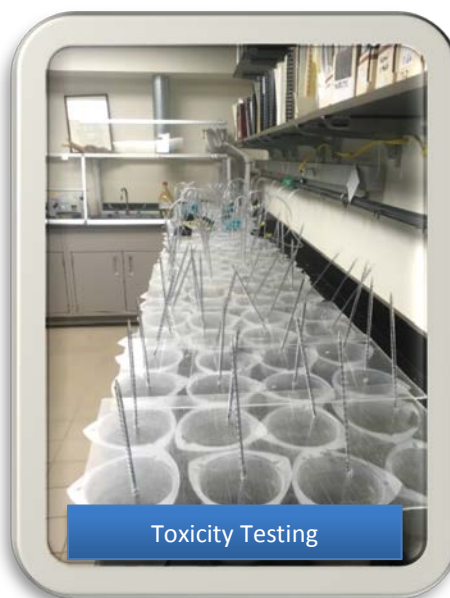
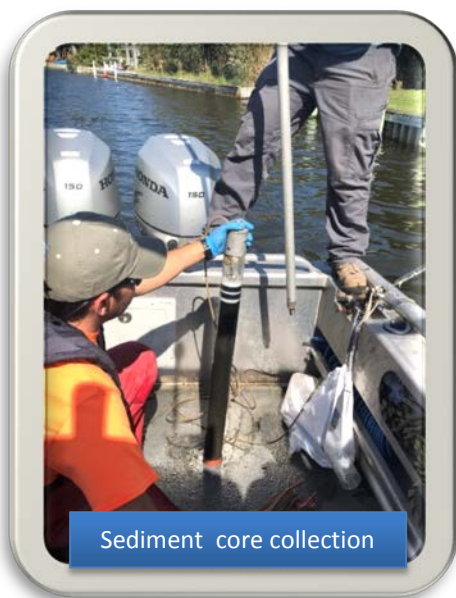
Willetts Creek Tidal Area Investigation

In addition to the cleanup efforts of Willetts Creek, Lake Capri, and surrounding impacted properties, the investigation of sediment in the tidal area of Willetts Creek and soil sampling of adjacent properties in the floodplain (Operable Unit 5) continues. Additional sampling was conducted during the week of September 16, 2019, to refine limits of contamination and to evaluate ecological risk. Sediment was collected from 49 locations of known contamination to further evaluate concentrations of cadmium and chromium, and to perform an evaluation of potential toxicity to benthic organisms. Hard shell clams were also collected, and tissue will be analyzed to aid in an evaluation of human health risk. The preliminary data from the cadmium and chromium analysis is currently being reviewed and toxicity testing has been initiated. A 28-day toxicity test will be conducted on each of the 49 sediment samples. 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. Results of the toxicity testing are expected in late November.

Floodplain sampling resumed during the week of October 21, 2019 and will conclude 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 Scarlett McLaughlin 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 plan for cleanup will be solicited, including a public meeting held by DEC. 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 DEC if you have information (permits, construction details) pertaining to bulkheads or sediments deposited 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>

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.

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

Air Monitoring

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

Health and Safety

Safety is a priority on all NYSDEC 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.

Dzus Project Safety Stats

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|----------------------|----------|
| Recordable Accidents | 0 |
| Restricted Days | 0 |
| Lost Work Days | 0 |
| Total Safe Hours | 31,352.0 |