



FACT SHEET

State Superfund Program

Receive Site Fact Sheets by *Email*. See "For More Information" to Learn How.

Site Name: Dzus Fastener Co., Inc.
DEC Site #: 152033 Operable Unit 03 *
Address: 425 Union Boulevard
West Islip, NY 11795

Have questions?
See
"Who to Contact"
Below

Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Wednesday, 8/9/2017 at 7:00 PM

West Islip Public Library, 3 Higbie Lane, West Islip, NY

NYSDEC invites you to a public meeting to discuss the remedy proposed for the site. You are encouraged to provide comments at the meeting, and during the 30-day comment period described in this fact sheet.

The public is invited to comment on a remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Dzus Fastener Co., Inc. site ("site") located at 425 Union Boulevard, West Islip, Suffolk County. Please see the map for the site location.

Documents related to the cleanup of this site can be found at the location(s) identified below under "Where to Find Information." The estimated cost to implement the OU 3 remedy is \$12,570,000.

Additional site details, including environmental and health assessment summaries, are available on NYSDEC's website at:

<http://www.dec.ny.gov/cfmx/extapps/derexternal/haz/details.cfm?pageid=3&progno=152033>

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **July 21, 2017** through **August 21, 2017**. The proposed plan is available for review at the location(s) identified below under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project Related Questions in the "Who to Contact" area below.

The site is listed as a Class "2" site in the State Registry of Inactive Hazardous Waste Sites (list of State Superfund sites). A Class 2 site represents a significant threat to public health or the environment; action is required.

**Operable Unit:* An administrative term used to identify a portion of a site that can be addressed by a distinct investigation and/or cleanup approach. An operable unit can receive specific investigation, and a particular remedy may be proposed.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

1. Pre-design investigation to refine excavation boundaries.
2. Soil and Sediment removal:
 - Removal of bank soil that exceeds cadmium and chromium residential use soil cleanup objectives (SCO)
 - Removal of sediment to native material in the zone of impact. The zone of impact is the portion of Willetts Creek and associated floodplain where cadmium and chromium were consistently observed above residential SCOs for soil and for sediment above the lowest end of the Class B Sediment Guidance Value (SGV) – an indication of a potential for moderate ecological impact.

This zone extends from behind the shopping plaza downstream to approximately 500 feet south of the footbridge at Edmore Lane.

4. The excavated area of the stream will be restored to a stable riparian corridor with stable stream and floodplain wetlands. Wetland habitat will be restored to the maximum extent possible while allowing sufficient flood capacity and appropriate stream flow.
5. Excavated upland areas will be replaced with topsoil, plantings, and grass seed and restored to a condition similar to existing conditions, to the extent feasible.

Summary of the Interim Remedial Measures (IRMs) Completed in the OU3 area:

- Installation of a demarcation fence.
- Installation of a soccer backstop.
- Maintenance to the Burling Lane footbridge (bridge to the Middle School).
- Maintenance to the Edmore Lane Footbridge (footbridge to the High School).

On January 13, 2016 the site was reclassified from “Site properly closed-requires continued management” to “Significant threat to the public health or environment-action required.” The reclassification of the Dzus Fastener site allowed the off-site areas of the site to be fully investigated. Soils and sediments were collected and analyzed from adjacent properties of Willetts Creek south of Union Blvd, Lake Capri, and from the tidal portion of Willetts creek south of the Montauk Highway.

Unrelated to the remedial investigation that was conducted in and around Willetts Creek by NYSDEC, the Dzus Fastener property owners conducted work on the property in conjunction with RCRA closure requirements. The closure activities, once fully completed, will allow the property to be re-used for commercial use.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the “feasibility study” submitted under New York’s State Superfund Program.

Next Steps

NYSDEC will consider public comments as it finalizes the remedy for the site. The selected remedy will be described in a document called a "Record of Decision" that will explain why the remedy was selected and respond to public comments. A detailed design of the selected remedy will then be prepared, and the cleanup will be performed.

NYSDEC will keep the public informed throughout the investigation and cleanup of the site.

Background

Location:

The Dzus Fastener Co. site is located at 425 Union Boulevard, West Islip, Suffolk County.

Site Features:

The site is one acre in size and is located in a mixed residential, commercial, and industrial area. The site is triangular in shape and is defined as the portion of the former 4 acre Dzus facility where leaching pools were located. There are no buildings located on the site. The site is bounded by Union Avenue to the south, the former Dzus facility to the west, and Long Island Rail Road tracks to the north. Immediately to the east of the site is Willetts Creek which drains south into Lake Capri, an eight-acre man-made lake. Lake Capri drains into the tidal portion of Willetts Creek through a culvert located under Montauk Highway.

Current Zoning/Use(s):

The company that owns the site changed its name from Dzus Fastener Co. Inc. to DFCI Solutions, Inc. in 2001, but operations at the facility had remained the same since its construction in 1937. In 2015, DFCI ceased operations and moved all equipment out of the facility. The facility is currently vacant and is undergoing RCRA closure. Current zoning for the property (including the site) is industrial-manufacturing and processing.

Historic Use(s):

The Dzus Fastener Co. Inc., produced fasteners and springs from 1932 to 2015. Operations

included the design and manufacture of ¼-turn fasteners, quick acting latches and panel strips in steel, stainless steel, aluminum and plastic for use in military and commercial aerospace, transportation, electronics, air handling, refrigeration, motor control and computer industries to secure access panels, covers or detachable components. Wastes from metal plating, tumbling, electroplating, chromic acid, anodizing, and special finishing operations consisted of oils, heavy metals and salts. Leaching pools on-site were used for the disposal of wastes. A Phase I Investigation was completed by the Department in 1984 and a Phase II Investigation report was submitted by Dzus in August of 1990.

Operable Unit(s):

The site has four operable units. An operable unit (OU) represents a portion of a remedial program for a site that for technical or administrative reasons can be addressed separately to investigate, eliminate or mitigate a release, threat of release or exposure pathway resulting from the site contamination.

Operable Unit 1 (OU1) originally encompassed the entire four-acre on-site source area at the eastern end of the former Dzus facility property and the Dzus facility itself. In 2016, a boundary modification reduce the site to only the 1 acre stabilized area.

Operable Unit 2 (OU2) included contaminated sediments in Willetts Creek and Lake Capri, and groundwater downgradient of the facility. A remedial action for OU2 was implemented in 1999.

Operable Unit 3 (OU3) encompasses the area of off-site impacted wetlands located behind a strip mall on Union Boulevard and includes a portion of the Willetts Creek channel upstream of Lake Capri, recently found to be have been re-contaminated during testing undertaken to monitor the effectiveness of the OU2 remedy

Operable Unit 4 (OU4) encompasses contaminated sediment in Lake Capri. OU4 will be subject to a future remedy decision, which will follow the OU3 action.

Site Geology and Hydrogeology:

Groundwater flow is to the south across the site, parallel to the flow of Willetts Creek and towards Lake Capri, with a depth to groundwater of approximately 10 feet. Willetts Creek is a north-south flowing, slow moving creek, approximately 16-23 feet wide and less than 7 inches in depth. Willetts Creek is located immediately to the east of the Dzus facility, and flows in a southerly direction approximately 4,500 ft to Lake Capri, a privately owned, 8-acre man-made lake. From Lake Capri, the tidal portion of the creek flows another 3,000 ft below the lake to Babylon Cove. The creek is fed by both upstream surface water runoff and groundwater base flow. The creek is divided into an upper and a lower reach. The upper portion is the freshwater reach located upstream of the lake; the lower portion is the tidal channelized reach downstream of the lake.

State Superfund Program: New York's State Superfund Program (SSF) identifies and characterizes suspected inactive hazardous waste disposal sites. Sites that pose a significant threat to public health and/or the environment go through a process of investigation, evaluation, cleanup and monitoring.

NYSDEC attempts to identify parties responsible for site contamination and require cleanup before committing State funds.

For more information about the SSF, visit: <http://www.dec.ny.gov/chemical/8439.html>

FOR MORE INFORMATION

Where to Find Information

Project documents are available at the following location(s) to help the public stay informed.

West Islip Public Library
Attn: Donna MacGilvray
3 Higbie Lane
West Islip, NY 11795
phone: (631) 661-7080
(dmacgilvray@westisliplibrary.org)

The Proposed Remedial Action Plan can be reviewed online at:

<http://www.dec.ny.gov/chemical/105495.html>

Who to Contact

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

Project Related Questions

Payson Long
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7017
518-402-9651
payson.long@dec.ny.gov

Site-Related Health Questions

Scarlett McLaughlin
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower, Room 17
Albany, NY 12237
(518)-402-7860
BEEI@health.ny.gov

We encourage you to share this fact sheet with neighbors and tenants, and/or post this fact sheet in a prominent area of your building for others to see.

Receive Site Fact Sheets by Email

Have site information such as this fact sheet sent right to your email inbox.

NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page:

<http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better informed*.

As a listserv member, you will periodically receive site-related information/announcements for all contaminated sites in the county(ies) you select.

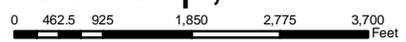
Note: Please disregard if you already have signed up and received this fact sheet electronically.



Figure 1: Site Location Map July 2017

Site Number 152033

West Islip, NY



Site Managed by: Payson Long
Map Created by: Payson Long

