



FACT SHEET

State Superfund Program

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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

Investigation to Begin at State Superfund Site

The NYS Department of Environmental Conservation (NYSDEC) will soon begin to sample properties adjacent to Willets Creek, in areas where cadmium was identified in the creek sediment 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."

Investigation Work Plan

The investigation work plan, called a "Remedial Investigation Work Plan / Scope of Work," was developed under New York's State Superfund Program. NYS Department of Environmental Conservation will perform the investigation which will assess conditions in the vicinity of Willets Creek as described above.

Highlights of the Site Investigation

The purpose of the investigation is to define the nature and extent of contamination in soil, surface water, groundwater and any other parts of the environment that may be affected by contamination that has migrated from the site.

After completion of the previous remedial actions for both the on-site (completed 1996) and off-site (completed 1999) areas, the site entered into the routine monitoring phase of the cleanup. Monitoring of Dzus Fastener property, Willets Creek, and Lake Capri has occurred since 1999 for groundwater, surface water, sediment, and biota. During routine monitoring of sediments and surface water, an increase in cadmium levels in the sediments of Willets Creek was detected. After discovering the elevated levels of cadmium in sediment, an expanded sampling program was instituted to determine the extent of cadmium in Willets Creek. These additional sampling events were conducted April 2013, November 2013 and October 2014.

On January 13, 2016 the site was reclassified from a Class 4 (site properly closed-requires continued management) to a Class 2 (significant threat to the public health or environment-action

**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.

required) in the State Registry of Inactive Hazardous Waste Disposal Sites (list of State Superfund sites). The reclassification of the Dzus Fastener site will allow off-site areas of the site to be fully investigated. The next step will be to sample soils from properties adjacent to Willetts Creek south of Union Blvd, Lake Capri, and portions of the tidal portion of Willetts Creek south of Montauk Highway. NYSDEC will contact property owners prior to sampling to schedule a time that is convenient to the property owner. Sampling is scheduled to commence early in the summer of 2016. Upon analysis of the samples collected, if NYSDEC encounters additional cadmium contamination, NYSDEC will expand the investigation area to determine the extent of contamination.

Unrelated to the investigation being conducted in and around Willetts Creek by NYSDEC, the Dzus Fastener property owners are conducting work on the property in conjunction with RCRA closure requirements. These closure requirements relate to the closing of the facility. The closure activities, once completed and approved by NYSDEC, will allow the property to be used for commercial use.

Next Steps

The information collected during the investigation will be summarized in a report. After the site investigation has begun, NYSDEC will conduct a "Feasibility Study." This study uses information developed during the site investigation to develop and evaluate potential ways to clean up contamination related to the site. Based upon the findings NYSDEC may also elect to conduct Interim Remedial Measure(s) (IRMs) to address any discrete areas of contamination that can be addressed on an expedited basis. An IRM is currently contemplated for the Beach Street School grounds and vicinity. This IRM includes installation of a temporary fence to delineate areas of contamination, installation of a soccer backstop, and removal of sediment within culverts beneath the footbridges, to minimize flooding.

NYSDEC will then develop a draft cleanup plan, called a "Proposed Remedial Action Plan." This plan describes the remedy preferred by NYSDEC, or, if warranted, a no action or no further action alternative. The draft cleanup plan explains the decision that led to the preferred remedy by discussing each alternative and the reasons for choosing or rejecting it. The goal of the plan will be to ensure the protection of public health and the environment. NYSDEC will announce the draft cleanup plan in a future fact sheet, and will present it to the public for its review and comment during a 30-day comment period and at a public meeting.

Background

Location:

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

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 encompasses the area of the former leaching pools. The site is bounded by Union Avenue to the south, the former Dzus facility and Beach Street 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 facility changed its name from Dzus Fastener Co. Inc. to DFCI Solutions, Inc. in 2001, but operations have remained the same since its construction at this location in 1937. 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. In 2015, DFCI ceased operations and moved all equipment out of the facility.

Historic Use(s):

Dzus Fastener (incorporated in the State of New York under the name Dzus Fastener Co. Inc. in 1936) has produced fasteners and springs since 1932. 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 hazardous wastes. A Phase I Investigation was completed by NYSDEC in 1984 and a Phase II Investigation report was submitted by Dzus in August of 1990. An Interim Remedial Measure (IRM) was completed by Dzus in October 1990, during which approximately 1,960 cubic yards of contaminated soil from the area of the industrial leach field were removed. Soils and groundwater were contaminated with cadmium, chromium, cyanide, and organic compounds.

Operable Unit(s):

The site consists of three 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) encompasses the one-acre source area (on-site) at the eastern end of the former Dzus facility property along with off-site areas of the Dzus facility. Operable Unit 2 (OU2) encompasses the contaminated sediments and groundwater in Willetts Creek and Lake Capri. Groundwater contamination (cadmium) has migrated 600-700 feet south of the site. Operable Unit 3 (OU3) encompasses an area of wetlands adjacent to and inclusive of the Willetts Creek channel which were found to be contaminated during routine post-remedial action effectiveness sampling.

A State Superfund Remedial Investigation/Feasibility Study (RI/FS) which included investigation of the entire facility began in May 1992 and a report was submitted in October 1994. A Record of Decision (ROD) for OU1 was issued in March of 1995. Approximately 8100 cubic yards of contaminated soils were consolidated and remediated by in-situ stabilization/solidification. The remedial action was completed in December 1996.

A ROD for Operable Unit 2 (off-site sediment and groundwater) was signed in October 1997. Dredging of Lake Capri and a portion of Willetts Creek was conducted between June and December 1999. Nineteen thousand cubic yards of sediment were removed from Lake Capri and Willetts Creek.

Investigations of OU3 sediments were performed in 2013 and 2014 due to results from post-remedial sampling for OU2 showing an increase in contaminant levels in sediment near the Creek.

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.

Site Management: Operation and Maintenance performed for the site includes groundwater sampling onsite as well as in areas down gradient of the site; biota sampling in Willetts Creek

and Lake Capri; and inspection of the stabilized area onsite.

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>

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: Grace O'Connor
3 Higbie Lane
West Islip, NY 11795
(631) 661-7080
goconnor@suffolk.lib.ny.us

Project documents are also available on the NYSDEC website at:

<http://www.dec.ny.gov/chemical/8431.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) 402-9813
payson.long@dec.ny.gov

Site-Related Health Questions

Brad Wenskoski
New York State Department of Health
Bureau of Environmental Exposure Investigation
Room 1739, Corning Tower, Empire State Plaza
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.



Dzus Facility

Willetts Creek

Lake Capri

Dzus Fastener Site
 NYSDEC Site Number 152033
 (also identified as Parcel Number 2- Treatment Cell Area)
 Parcel Id-Section 455 Block 01 Lot 64.1
 Size 1 Acre



Dzus Fastener Site

NYSDEC Site Number 152033

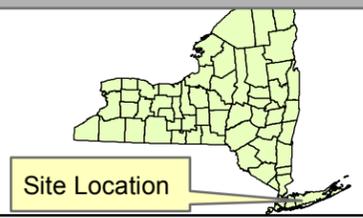
425 Union Blvd.
 West Islip, NY

March 21, 2016

Map Created by: Payson Long

Legend

- Operable Unit 1
- Operable Unit 1A
- Operable Unit 2
- Operable Unit 3



Site Location