



FACT SHEET State Superfund Program

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

Site Name: Precision Concepts, Inc.
DEC Site #: 152158 Operable Unit 02 *
Address: 26 Natcon Drive
Shirley, NY 11967

Have questions? See "Who to Contact" Below

No Action Remedy Proposed for State Superfund Site; Public Comment Period and Public Meeting Announced

Public Meeting, Wednesday, 3/11/2015 at 7:30 PM
Community Library, 407 William Floyd Parkway, Shirley, NY 11967
NYSDEC invites you to a public meeting to discuss the no action 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 no action remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Precision Concepts, Inc. site ("site") located at 26 Natcon Drive, Shirley, 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."

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from February 27, 2015 through March 30, 2015. 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; investigation is required.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

No Action

Summary of the Investigation

As part of the off-site remedial investigation in 2014, the State drilled temporary wells in order

*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.

to track the extent of the groundwater plume. This investigation was designed to be used to determine the type of remedial measures needed, if any, to minimize the impact of the plume. No volatile organic contaminants were found in the groundwater samples at levels exceeding the groundwater standard of 5 parts per million. The conclusion reached was that the plume which previously existed in this area had moved south and may have entered the Carmans River, leaving minimal contamination behind.

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site.

Next Steps

NYSDEC will consider public comments as it finalizes the no action 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. NYSDEC would then reclassify or delist the site from the Registry of Inactive Hazardous Waste Disposal Sites.

Background

Location: The Precision Concepts site is located in a suburban area at 26 Precision Drive (aka Natcon Drive) in the Hamlet of Shirley, Town of Brookhaven, Suffolk County.

Site Features: The site is approximately six acres in size. The site is situated immediately south of the Long Island Expressway and about 1,000 feet east of William Floyd Parkway.

Current Zoning and Land Use: The site is currently occupied by Luitpold Pharmaceuticals, which is a pharmaceutical distributor. Brookhaven National Laboratory, a National Priority List site is located to the north of the site. The site is currently zoned industrial. The surrounding parcels are currently used for a combination of industrial and residential purposes.

Past Use of the Site: Precision Concepts occupied the site from the original construction of the building in 1985 until 1993. Industrial activity at the site included metal stamping, punching, light grinding, and metal cleaning, including the use of organic solvents 1,1,1-trichloroethane (TCA) and 1,1-dichloroethane (DCA). No spills are documented at the site. However, evidence of contamination sources was observed by the Suffolk County Department of Health Services (SCDHS).

Samples taken from industrial and sanitary pools on site showed low concentrations of metals and elevated levels of volatile organic compounds. A May 1988 industrial leaching pool water sample by SCDHS had TCA at 1200 parts per billion (ppb). In 1990, TCA was detected at 9300 ppb in one temporary off-site down-gradient groundwater sampling point.

Two aboveground tanks and a number of drums were removed in January 1991. These consisted of a 6,000-gallon industrial waste tank, a 400-gallon solvent tank and 1,875 gallons drummed waste.

SCDHS sampled the sediment in the on-site septic system in May 1990 and July 1991 and found high concentrations of toluene. Approximately 8,000 gallons of waste was pumped out of the septic system in May 1992. SCDHS also sampled the soil under an interior collection pit in April 1996 and found elevated concentrations of metals. In July 1996, approximately two cubic yards of contaminated soil were removed from the pit, and analysis of the endpoint samples were in compliance with New York State soil cleanup standards.

In the off-site portion, a series of wells were installed and sampled by NYSDEC's Regional Spills program in October 2003 as part of a petroleum spills project. These wells have detected some TCA and DCA, from the east of William Floyd Parkway to Carmans River.

Precision Concepts was listed in the Registry in September 1996 due to the contamination that had been detected in the on-site drainage systems and in downgradient groundwater.

Operable Units: The site was divided into two operable units. An operable unit 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 on-site soil and groundwater within the boundary of the Precision Concepts facility. OU 2 consists of the off-site groundwater contamination.

Site Geology and Hydrogeology: The water table is approximately 40 feet below ground surface. The site geology is mainly sandy soils. A confining layer exists on-site at around 100 feet to 120 feet below ground surface. Some areas off-site has deeper confining layer at around 200 feet below ground surface. The groundwater flows mainly to the south but takes a south-westerly turn as it passes William Floyd Parkway due to the influence of Carmans River.

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

<http://www.dec.ny.gov/cfm/xtapps/derexternal/haz/details.cfm?pageid=3&progno=152158>

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.

Longwood Public Library
1241 Middle Country Road
Middle Island, NY 11953
phone: (631) 924-6400

Who to Contact

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

Project Related Questions

Heather L. Bishop
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
518-402-9692
heather.bishop@dec.ny.gov

Site-Related Health Questions

Steve Karpinski
New York State Department of Health
Bureau of Environmental Exposure Investigation
Empire State Plaza, Corning Tower Room 1787
Albany, NY 12237
(518) 402-7880
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

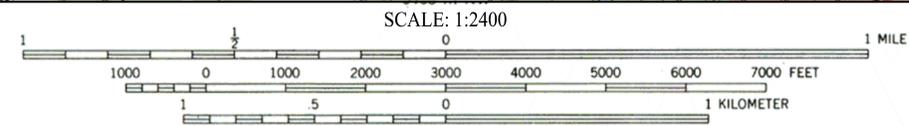
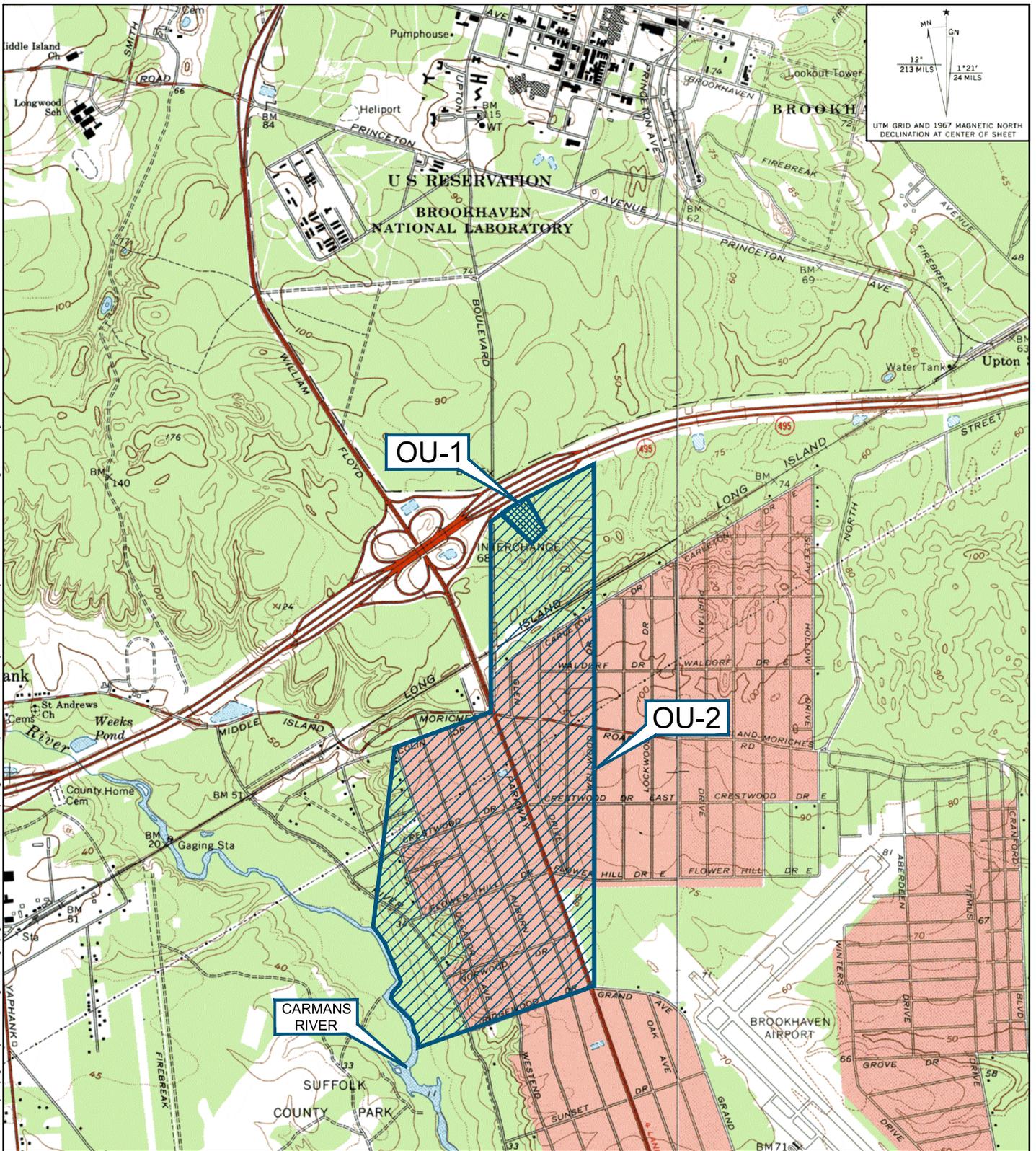
Have site information such as this fact sheet sent right to your email inbox. NYSDEC invites you to sign up with one or more contaminated sites county email listservs available at the following web page: <http://www.dec.ny.gov/chemical/61092.html>. It's quick, it's free, and it will help keep you *better 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.

Path Name: I:\Projects\NYSDEC_Assignments\WA #13 - Precision Concepts\Figures\TRC Working Drawings\Figure 1 - Site Location Map.dwg - Date/Time: Thu, 04 Sep 2014 - 3:05pm - User Name: hdelgado - Layout Tab: 8.5X11



SCALE: 1:2400
 CONTOUR INTERVAL 10 FEET
 DOTTED LINES REPRESENT 5 FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929

QUADRANGLE LOCATION

MAP OBTAINED THROUGH USE OF MAPTECH TERRAIN NAVIGATOR PRO SOFTWARE.

BELLPORT, N. Y.
 SW/4 MORICHES 15' QUADRANGLE
 40072-68-TF-024
 1967
 DMA 6465 IV SW--SERIES V821



DESIGNED BY: MF
DRAWN BY: HD
CHECKED BY: DSG
DATE: SEPTEMBER 2014
SCALE: AS SHOWN
PROJECT NUMBER: 205023.0000.0000

PROJECT NAME: NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION PRECISION CONCEPTS, INC., OU-2 SITE - SITE NO.1-52-158 HAMLET OF SHIRLEY, NEW YORK 11967
DRAWING TITLE: SITE LOCATION MAP

FIGURE
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