FACT SHEET

State Superfund Program

Hercules Inc./Dyno-Nobel
161 Ulster Ave.
Ulster Park, NY 12487

SITE No. 356001

March 2019

NYSDEC REGION 3

Remedy Proposed for State Superfund Site; Public Comment Period Extended

The public is invited to comment on a remedy being proposed by the New York State Department of Environmental Conservation (NYSDEC) in consultation with the New York State Department of Health (NYSDOH) to address contamination related to the Hercules Inc/Dyno-Nobel site ("site") located at 161 Ulster Ave., Ulster Park, Ulster County. Please see the attached map for the site location. Documents related to the cleanup of this site can be found at the location(s) identified to the left under "Where to Find Information." The estimated cost to implement the remedy is $10,287,000.

How to Comment: NYSDEC is accepting written comments about the proposed plan for an additional 30 days until **April 23, 2019**. The proposed plan is available for public review at the location(s) identified at left under "Where to Find Information." Please submit comments to the NYSDEC project manager listed under Project-Related Questions in the "Who to Contact" area at left.

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.

Proposed Remedial Action Plan: The remedy proposed for the site includes:

- Excavation of source area soils and soils which exceed commercial use soil cleanup objectives (SCOs). Source soils will be disposed off-site and the balance of the excavated soils will be consolidated in a wetland area which currently contains potentially explosive material that cannot be removed.
- Creation of a new wetland on site to replace the wetland which will contain the waste consolidation area. An associated stream will also be rerouted;
- Installation of a soil cover to isolate soils which cannot be excavated due to presence of potentially explosive materials;
- Excavation and off-site disposal of sediment which exceeds the threshold for hazardous waste and excavation and on-site consolidation and capping of sediments which exceed Class A guidance values, but which are not hazardous waste.
- Treatment of contaminated groundwater through injection of chemical oxidants;
- Groundwater monitoring to evaluate the effectiveness of the remedy;
- Implementation of a Site Management Plan (SMP) for long term management of the site; and
- Recording of an Environmental Easement to ensure proper use of the site.

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

Town of Esopus Library
128 Canal Street
Port Ewen, NY 12466
(845) 338-5580

NYSDEC Region 3 Office
21 S. Putt Corners Road
New Paltz, NY 12561
(845) 256-3000

The PRAP also can be reviewed on the NYSDEC website at:
http://www.dec.ny.gov/chemical/37552.html

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

Project-Related Questions
Salvatore F. Priore, P.E., Project Manager
NYSDEC
625 Broadway 11th Floor
Albany, NY 12233-7014
(518) 402-9665
salvatore.priore@dec.ny.gov

Project-Related Health Questions
Kristin Kulow
NYSDOH Oneonta Office
28 Hill Street #201
Oneonta, NY 13820
(607) 432-3911
beei@health.ny.gov

For more information about New York's State Superfund Program, visit:
www.dec.ny.gov/chemical/8439.html

NYSDEC developed the proposed remedy after reviewing the detailed investigation of the site and evaluating the remedial options in the "Revised Corrective Measures Study" [submitted under New York's State Superfund Program by Hercules Inc./Dyno Nobel ("remedial parties").

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.

Site Description: The Hercules site is located at 161 Ulster Avenue, Ulster Park NY, approximately one mile south of the Village of Port Ewen. The approximately 260-acre property includes the main plant site and land east of a rail line located outside of the fenced main plant area. Manufacturing operations of explosive primer and igniters for munitions took place in the developed portion of the site, which occupies approximately 100 acres. Disposal activities occurred within the plant area and within wetland areas in the eastern portion of the property. Most of the surrounding areas are naturally vegetated with cover types ranging from old fields to forested areas. Additional site details, including environmental and health assessment summaries, are available on NYSDEC's Environmental Site Remediation Database (by entering the Site ID, 356001) at:
http://www.dec.ny.gov/cfmx/extapps/derexternal/index.cfm?pageid=3

Summary of the Investigation: The primary contaminants of concern at the site are inorganic (metals) in the soil site-wide and "energetic" (potentially explosive) materials in soil and wetland sediment in specific areas. Volatile organic compounds are also present in the groundwater in the former plant area. The presence of potentially explosive materials complicate implementation of a remedy at this site.

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

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.

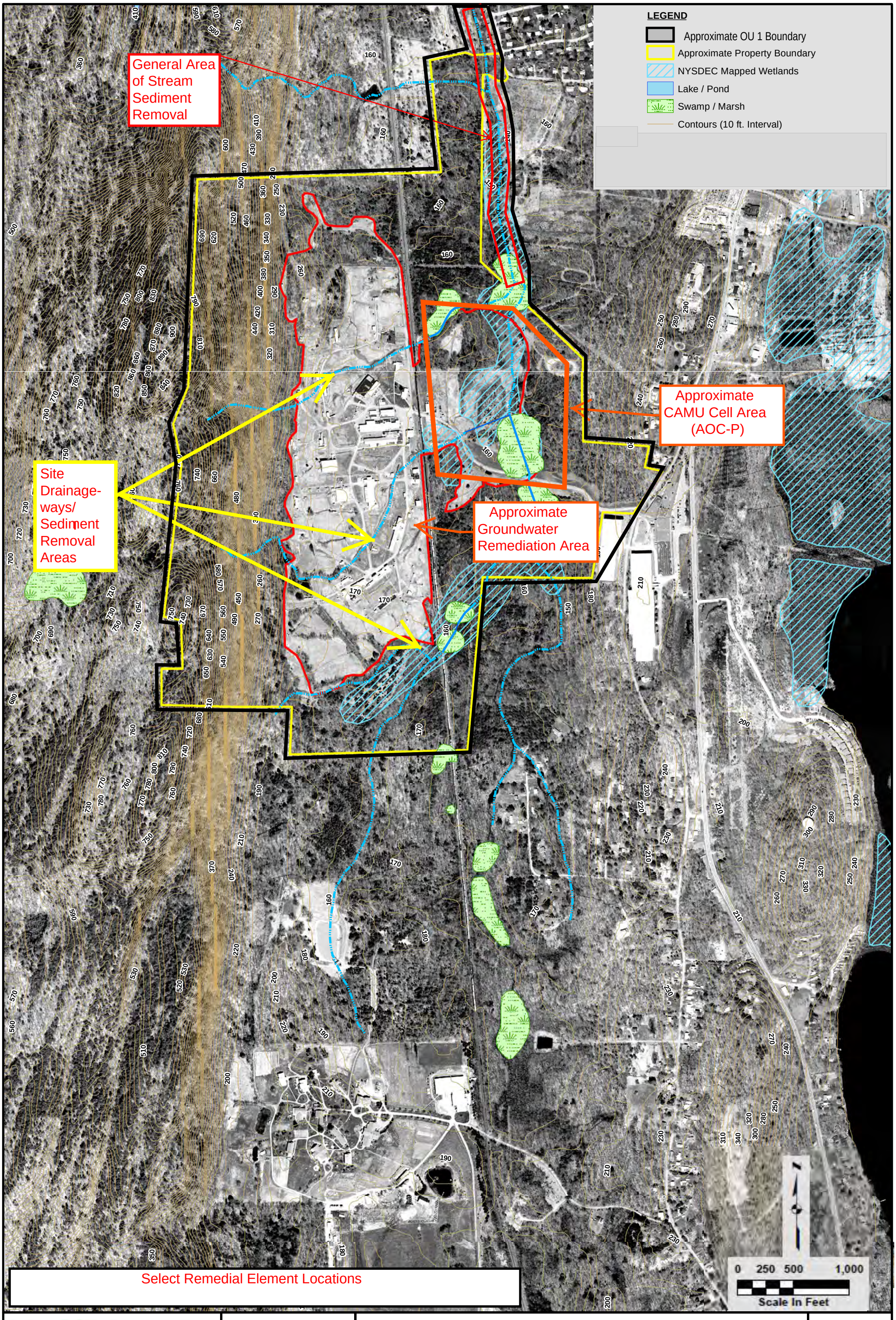
Receive Site Fact Sheets by Email

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 at:

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.



Select Remedial Element Locations

base map by: EHS Support consider it done	DYNO-NOBEL, INC. PORT EWEN, NY.	Excavation, On-siteConsolidation in RCRA CAMUCell & Part 360 Capping	FIGURE 1