



FACT SHEET

State Superfund Program

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

Site Name: Ramapo Paint Sludge Site
DEC Site #: 344064 Operable Unit 01 *
Address: Route 17
Ramapo, NY 10911

Have questions?
See
"Who to Contact"
Below

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

Public Meeting, Wednesday, 3/21/2018 at 7:00 PM
Suffern Free Library, 210 Lafayette Ave, Suffern, NY 10901

NYSDEC invites you to a public meeting to discuss the no further 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 further action remedy proposed by the New York State Department of Environmental Conservation (NYSDEC) related to the Ramapo Paint Sludge Site ("site") located at Route 17, Ramapo, Rockland 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 remedy is:

<u>OU</u>	<u>RemCost</u>
01	\$271,000.00

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

<http://www.dec.ny.gov/cfm/externalapps/derexternal/haz/details.cfm?pageid=3&progno=344064>

How to Comment

NYSDEC is accepting written comments about the proposed plan for 30 days, from **February 21, 2018** through **March 26, 2018**. 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.

Proposed Remedial Action Plan

The remedy proposed for the site includes:

*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.

- A site cover is in place following the Interim Remedial Measure (IRM) that allows for restricted-residential use of the site. The site cover currently consists of two feet of soil but may consist in the future of structures such as buildings, pavement, and sidewalks comprising the site development.
- Imposition of an institutional control in the form of an environmental easement for the site which will require periodic certification of institutional and engineering controls, allow for restricted-residential use of the site and require compliance with the Site Management Plan.
- Development and implementation of a Site Management Plan which will require site cover maintenance, management of soils excavated from the site and contingencies for proper management of paint sludge if encountered at the site in the future.

Additional Details

An IRM was performed in Operable Unit 1 which included removal and off-site disposal of all soil containing paint sludge at all depths and soil with contaminant levels exceeding restricted-residential soil cleanup objectives (SCOs) from 0 to 2 feet, with backfill as necessary. Approximately 28,000 cubic yards of soil and paint sludge were removed from the site. The IRM took place between January 2013 and April 2014.

Summary of the Investigation

Based upon investigations conducted to date, the primary contaminants of concern were those associated with paint sludge. The paint sludge contains volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), and metals. Three areas of paint sludge disposal were identified in OU-1 as part of the Remedial Investigation for the site. Each of these areas was addressed by the IRM.

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.

Institutional and Engineering Controls

Institutional controls and engineering controls generally are designed to reduce or eliminate exposure to contaminants of concern. An *institutional control* is a non-physical restriction on use of the site, such as a deed restriction, when contamination left over after the cleanup action makes the site suitable for some, but not all uses. An *engineering control* is a physical barrier or method to manage contamination such as a cap or vapor barrier.

The following institutional controls have been or will be put in place on the site:

- Soil Management Plan
- Monitoring Plan
- Site Management Plan
- Environmental Easement
- Operation and Maintenance Plan
- Institutional Control/Engineering Control Plan
- Land Use Restriction

The following engineering controls have been or will be put in place on the site:

- Cover System

Next Steps

NYSDEC will consider public comments as it finalizes the no further 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.

Background

Location: The Ramapo Paint Sludge Site consists of areas where paint sludge was reportedly disposed of in the Town of Ramapo, Rockland County. At present, three locations have been identified. These include the North of Ramapo Well Field Area, the Torne Valley Road Area and the Camp Hill Road Area. The North of Ramapo Well Field and the Torne Valley Road Area are located in an undeveloped area approximately two miles north of the Village of Suffern. The Camp Hill Road Area is located in a suburban area approximately one mile southwest of the intersection of the Palisades Parkway and Route 202.

Current Zoning/Use: The North of Ramapo Well Field is undeveloped and is utilized as a well field operated by United Water. Access to the Ramapo Well Field is restricted by a site access gate. The Torne Valley Road Area is vacant and primarily wooded. Both of these areas are zoned for residential use; however, the town has filed a restrictive covenant that prohibits single family homes in these areas. The Camp Hill Road Area includes a pond approximately one acre in size and encroaches on New York State (NYS) regulated wetland TH-16. The Camp Hill Road area is adjacent to an area that is zoned residential.

Past Uses of the Site: The North of Ramapo Well Field and Torne Valley Road Area have had several historic uses including rock mining and heavy equipment storage. The Torne Valley Road Area was reportedly used as a waste transfer station for the adjacent Ramapo Landfill and may have been reworked during the time that the landfill was in operation. The Camp Hill Road Area was formally used as a day camp in the early 1970s. All three areas were the location of illegal disposal of waste paint sludge from the Ford's Mahwah, New Jersey assembly plant.

Operable Units: The site is divided into three 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 (OU-1) is the North of Ramapo Well Field and consists of a 40-acre area bounded on the east by the Ramapo River and bounded on the west by railroad tracks and Bridge Street. OU-2 is the Torne Valley Road Area and consists of an area to the west of Torne Valley Road and to the east of the Torne Brooke (northern area), and an additional smaller area to the east of Torne Valley Road (southern area). OU-3 is the Camp Hill Road Area and consists of a small area that encroaches on a NYS regulated wetland and is adjacent to a residential development. OU-3 is approximately six miles northeast of OU-1 and OU-2.

Site Geology and Hydrogeology: The North of Ramapo Well Field and Torne Valley Road Area are adjacent to the Ramapo River and Torne Brook. The depth to competent bedrock varies at the site from between 72 and 100 feet. Bedrock is covered by stratified drift which consists of unconsolidated deposits composed of sand, gravel, silt, and clay. Overburden groundwater is present at approximately 10 feet below ground surface and generally flows south following the Torne Brook and Ramapo River. United Water supply wells in Operable Unit 1 are screened at depths ranging from 46 feet to 98 feet within the stratified drift. The Camp Hill Road Area is adjacent to a man-made pond. The pond is fed by a small stream from the northwest and has an overflow which discharges to another small stream on the east side of the pond, which then flows into the regulated wetland.

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.

Town of Ramapo
Attn: Town Clerk
237 Route 59
Suffern, NY 10901
phone: (845) 357-5100 extension 263

Village of Hillburn
Village Hall
31 Mountain Avenue
Hillburn, NY 10931
phone: (845) 357-2036

Finkelstein Memorial Library
24 Chestnut St
Spring Valley, NY 10977
phone: (845) 352-5700

Who to Contact

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

Project Related Questions

Bill Bennett
Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014
518-402-9659
william.bennett@dec.ny.gov

Site-Related Health Questions

Anthony Perretta
New York State Department of Health
Empire State Plaza Corning Tower, Room 1787
Albany, NY 12237
510-402-7880
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.

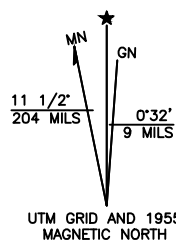




CONTOUR INTERVAL 10 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929



SOURCE: USGS 7.5 MIN. SLOATSBURG QUADRANGLE, SLOATSBURG, NY-NJ, 1952, PARK RIDGE QUADRANGLE, PARK RIDGE, NJ-NY, 1955, RAMSEY QUADRANGLE, RAMSEY, NJ-NY, 1955, THIELS QUADRANGLE, THIELS, NJ-NY, 1955



OPERABLE UNIT 1, RAMAPO PAINT SLUDGE SITE
RAMAPO, NEW YORK
FOCUSED FEASIBILITY STUDY

SITE LOCATION MAP



FIGURE
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