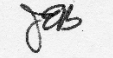




NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

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MEMORANDUM

TO: Janet Brown, Bureau Director, Bureau C 

FROM: Michael Squire, Project Manager 

THRU: Janet Brown (for Amen Omorogbe, Section Chief) 

SUBJECT: 625013, Lowville Pesticide Storage Site
Site Reclassification from PR to C

DATE: September 27, 2021

This memorandum documents the actions taken to characterize and remediate the Lowville Pesticide Storage site, and to support reclassifying the site from PR to C. Information regarding the site's history and environmental actions taken is somewhat limited, and all available information has been uploaded to DECDocs.

Background:

The site is located inside the NYSDEC Region 6's Lowville Forestry Demonstration Area, and is actively being used for storage of equipment and supplies by the Division of Lands and Forests. The site comprises a 16 foot by 20 foot concrete building on a concrete slab with a 5 foot by 8 foot loading dock, built by the NYSDEC in 1980 for the storage of pesticides banned by the NYSDEC, USEPA, or unwanted by owners. In 1983, the pesticides were shipped offsite for disposal, and the site was then used to store hazardous material samples, confiscated hazardous waste, and other materials until 1990, after which they were also shipped offsite for disposal. A multi-site Record Of Decision for this site and other pesticide storage buildings was signed off in March 1991. There were no state or federal standards for permissible levels of pesticides in soil, so remedy decisions were based on informal human health risk assessments made between the NYSDEC and NYSDOH's Bureau of Environmental Exposure Investigation.

Site Description:

Location: The site is located inside the NYSDEC Region 6's Lowville Forestry Demonstration Area, at 7319 NY Route 812, Lowville, NY 13367. The nearest

residential home is a quarter mile to the north, and the nearest body of water is the Black River 500 feet to the east.

Site Features: The site comprises a 16 foot by 20 foot concrete building on a concrete slab with a 5 foot by 8 foot loading dock.

Current Zoning and Land Use: As of April 2021, the site is used to store equipment by the Division of Lands and Forests, such as canoes, fencing, and other infrequently used items. The site is zoned for open space and conservation use.

Past Use of the Site: The facility was built in 1980 for storage of pesticides by the NYSDEC's Bureau of Pesticides. Hazardous material samples and confiscated waste were stored at the site from 1983 until 1990.

Environmental Assessment:

Nature and Extent of Contamination: Remediation at the site is complete. Prior to remediation, primary contaminants of concern were pesticides and SVOCs in wall paneling, the storage room floor, indoor plumbing, a 275 gallon underground storage tank connected to the floor drain, and soil surrounding the UST. In the Site Characterization Study Report from November 1993, SVOCs and pesticides were not detected in groundwater samples, and metals detected were determined to be at background levels. Chlorinated pesticides were detected in soil around the site, but within background levels of samples taken away from the site. Region 6's Division of Lands and Forests inspected the epoxy sealer for the floor on April 20, 2021 and reported only hairline cracks that do not breach the sealer.

Description of the Remedy:

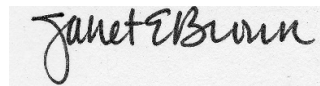
Between January and June 1995, the NYSDEC led remedial activities to remove the UST and dispose of impacted materials. Also disposed of were interior room transite panels, exposed insulation, wood framing, sink, piping, and glass crusher. Floor and sink drains were sealed with grout, and the floor and walls were sealed with epoxy coating to prevent air and direct contact exposure. Two hundred and fifty (250) gallons of water were pumped from the UST prior to removal of the UST, and walls and floors were pressure washed, with waste water collected into 55-gallon drums. Based on representative sampling, a total of 385 gallons of water were disposed of as non-hazardous waste at a permitted TSD facility owned by the remedial contractor. Post-remediation sampling indicated no pesticide residues nor SVOCs remained on wall surfaces, floor surfaces, and soil surrounding the UST footprint. Following the completion of remedial actions, the construction completion report was signed off on February 2, 1996. RCRA closure for the site as a Treatment, Storage, and Disposal facility was signed on February 9, 1996. No long-term maintenance and monitoring was scheduled for the site, except for routine inspection of the epoxy sealer for the floor.

Recommendations:

Based on review of the information available, we believe the site should be reclassified from class PR to class C and the existing Site Characterization Project can be ended. DOH provided formal concurrence to DER Central Office staff on August 13, 2021.

The PR to C process indicates if remedial work was completed under DEC oversight during the P-site investigation stage, and the results of the investigation conclude that the site does not qualify for the Registry, it is appropriate that the site be reclassified to a C site. To document this decision, the PM must prepare a PR to C memo for signoff by the Remedial Bureau Director, with a copy to the Chief of Site Control Section requesting the reclassification. The memo should be filed in DECDocs as a "decision document."

If you approve of this reclassification, please sign and date below with a copy to Kelly Lewandowski.



9/27/21

Remedial Bureau Director

Approval Date

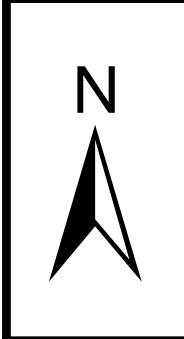
Attachment

ec:

Maureen Schuck (NYSDOH)
Gregory Rys (NYSDOH)
Kelly Lewandowski (NYSDEC, Site Control Section)
D2



NYS ITS GIS Program Office, Esri, HERE, Garmin, (c) OpenStreetMap contributors, and the GIS user community



Site Location Map

Site No. 625013
Lowville Pesticide
Storage Facility
Lowville, Lewis County

0 45 90 180 270 360 Feet

Date: April 8, 2021

Created By: Rachel Gardner