



**EPA CONTINUES TO EVALUATE STORM IMPACTS ON WATERBODIES CONNECTED TO THE DEWEY LOEFFEL LANDFILL SUPERFUND SITE**

**TOWN OF NASSAU, NY**



**JULY 21, 2021**

**REGION 2**

## Current Activities

The U.S. Environmental Protection Agency (EPA) is evaluating the impacts of a severe weather event that occurred in the town and village of Nassau, NY on July 14, 2021, on waterbodies connected to the Dewey Loeffel Landfill Superfund site. It is estimated that the storm deposited over 4.5 inches of rain in a short timeframe, which caused flooding and other damage in the area.

## Site Assessment

Based on a site assessment following the storm event, there were no significant impacts to the landfill or to the site's groundwater extraction and treatment system, which remained operational throughout the event. Historic operations at the landfill resulted in the migration of polychlorinated biphenyls (PCBs) to waterbodies connected to the site, such as Little Thunder Brook, formerly known as Tributary T11A, and the Valatie Kill. Because these waterbodies were subject to high flows, erosion, and flooding, the storm event may have transported PCB-impacted sediments to downstream areas.

EPA is evaluating conditions in the area and is identifying sediments that may have been deposited in residential areas for potential sampling.

### Have you observed sediment deposits on your property?

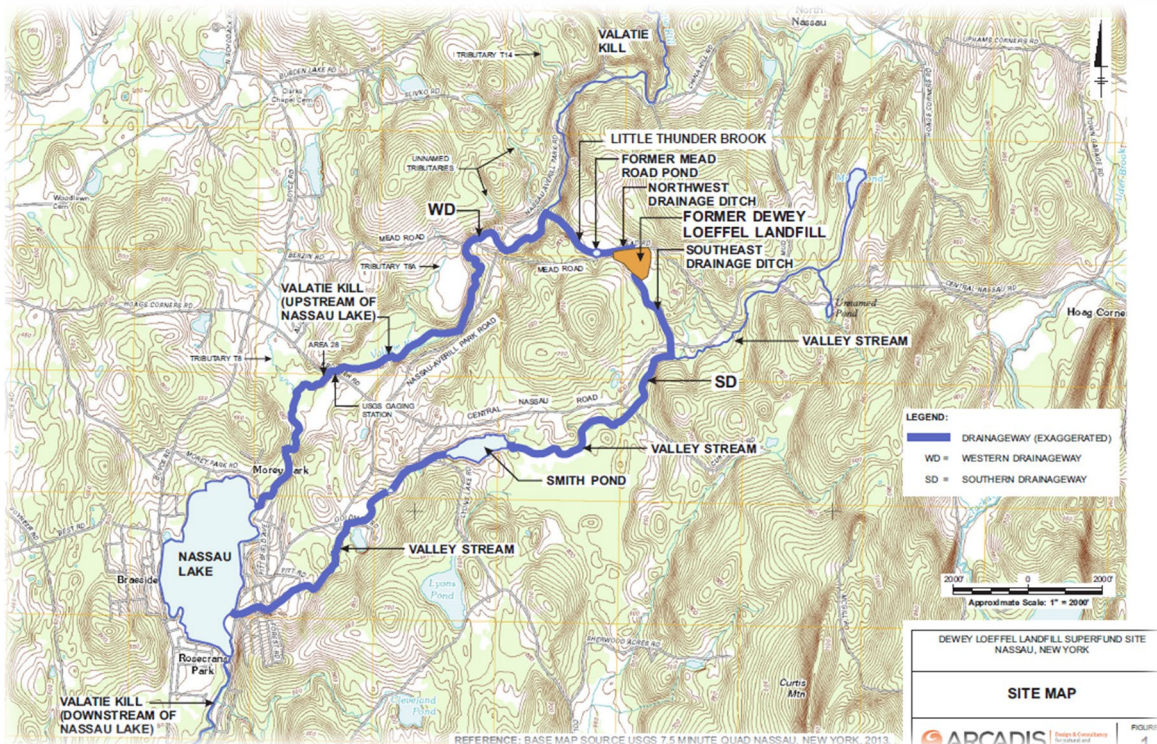
EPA is currently interested in assessing conditions in residential areas closest to the Valatie Kill within the village of Nassau, as well as residential areas north of the village along the Valatie Kill and Nassau Lake.

If your residential property is located in the village or north of the village and you have observed sediment deposits on your property, please contact EPA's Remedial Project Manager **Joseph Battipaglia** at 518-407-0400, ext. 4.

While sediment deposits are not anticipated to represent an immediate, short-term health risk, EPA recommends that you avoid direct contact with sediments that may have been deposited on your property until EPA evaluates them further.

## Upcoming Activities

EPA is coordinating with the New York State Departments of Environmental Conservation and Health and the General Electric Company, one of the companies responsible for performing work at the site, to evaluate both short-term and long-term response measures. EPA is also coordinating with the town and village of Nassau. Following the storm event, surface water samples were collected from Little Thunder Brook and the Valatie Kill to assess current conditions. Sampling results are expected before the end of July. EPA has also observed floodplain sediment deposits in several areas along the Valatie Kill. EPA will oversee sampling of this material by Friday, July 23 and will oversee additional sampling after the surface water flow in the Valatie Kill subsides. Measures to control turbidity, such as stone dams, are also being re-established in Little Thunder Brook to limit the potential for sediments to move downstream.



Site map showing location of the former landfill and associated waterbodies. Historically, water from the former landfill area flowed into the western drainageway which includes Little Thunder Brook and the Valatie Kill.

## EPA Contact Information

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