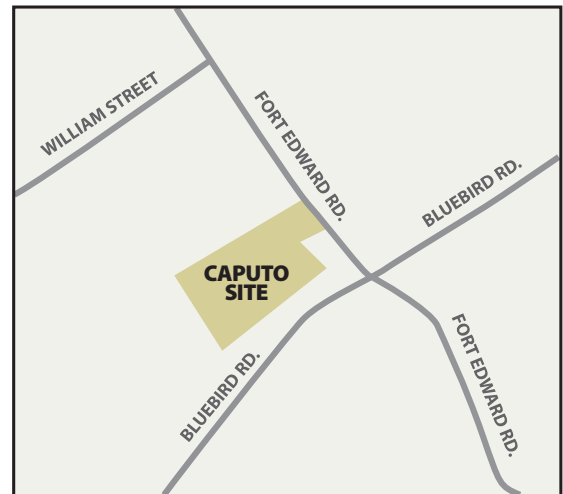




Moreau Bedrock Well Sampling Program Fall 2017

BACKGROUND

- For more than 25 years, General Electric has been monitoring conditions at the former Caputo dump site located west of Fort Edward Road, between William Street and Bluebird Road, in the Town of Moreau. The site was operated as an industrial disposal site from 1958 through 1968. During that time, waste materials were disposed there that contained TCE (a solvent) and PCBs. Based on investigations that began in the late 1970s, it was determined that the TCE and PCBs had impacted the soil, and that TCE and its degradation products (primarily a chemical known as cis-1,2-DCE) had migrated and impacted groundwater and surface water to the south-southeast of the site.



- In 1980, GE entered into a consent order with the New York State Department of Environmental Conservation to investigate and clean up the site. In the mid 1980s, a protective wall was built into the ground around the former disposal area and a clay cap was installed. This contained area continues to be maintained and monitored by GE.
- In 1983, GE entered into a consent order with the United States Environmental Protection Agency to investigate the area near and downgradient from the site. A remedial investigation was completed to define the contaminant plume in the sand aquifer, which extends to the south and southeast of the contained former disposal area. An air stripper treatment system was installed in 1985 along Reardon Brook to treat contaminated groundwater that discharges to the surface water in the brook. This treatment system was incorporated into the protective remedy selected by USEPA in 1987, and continues to be maintained and monitored. In addition, GE also extended public water lines and connected them to residences in the plume area, which allowed removal of temporary carbon treatment systems that had been installed at those homes. GE continues to monitor groundwater in and near the plume, and surface water in the area downgradient from the plume (along and north of Reservoir Road).

2017 SAMPLING PROGRAM

- Every five years, EPA conducts a review of its selected remedy to ensure the cleanup measures that have been put in place continue to protect human health and the environment. EPA has conducted five five-year reviews, each of which has found the measures to be protective. Data from the sand aquifer shows that the size of the contaminant plume has not expanded over the years, and concentrations of contaminants within the plume have generally declined.
- As is customary, GE is currently collecting surface water and groundwater samples from the sand aquifer to inform EPA's next five-year review, which will be completed in 2018. As part of this evaluation, EPA has asked GE to also evaluate groundwater conditions in the bedrock downgradient from the site to supplement past information.
- Numerous private supply wells were sampled at the time of the original investigation and the data showed none of the contaminants of concern from the site in the bedrock groundwater. There is no reason to believe that this has changed, but EPA has asked that GE verify this through sampling.
- GE is currently asking property owners on the east end of Reservoir Road and the west side of Fort Edward Road (north of Reservoir Road), for information on their bedrock supply wells so that a representative number of them can be sampled. The wells that are sampled will be determined by EPA based on the information obtained and whether the property owners are willing to provide access. Sampling is expected to take place this fall.

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