

Eighteen Mile Creek

New York

EPA ID#: NYN000206456

EPA REGION 2

Congressional District(s): 28,29

Niagara
LOCKPORT, NY

NPL LISTING HISTORY

Proposed Date: 9/16/2011

Final Date: 3/15/2012

Site Description

The Eighteen Mile Creek Site is located in Niagara County, New York and consists of contaminated sediments, soil and groundwater. The Creek flows north for approximately 15 miles and discharges to Lake Ontario in Olcott, New York. The headwaters consist of an East and West Branch which are immediately north of the New York State Barge Canal. The branches merge to form the main body of the Creek at the Clinton Street bridge in Lockport, New York

The Site has been divided into two parts: the Eighteen Mile Creek Corridor, which extends from the Creek's headwaters at the Barge Canal to Harwood Road in Lockport, and the Sediment Study Area. The Corridor contains most of the Site's legacy contamination. The Corridor includes approximately 4,000 feet of the Creek, as well as properties located along Mill Street, Water Street and Clinton Street in the City of Lockport. The Corridor was the focus of a Remedial Investigation (RI) and Supplemental RI completed by the New York State Department of Environmental Conservation (NYSDEC) in 2009. The Creek Sediment Study Area extends from Harwood Road to the Creek's discharge into Lake Ontario and includes numerous contaminated depositional areas. Sediment samples were collected in the Study Area for almost the entire length of the Creek to Burt Dam, and was the focus of a Great Lakes National Program Office (GLNPO) study which was completed in March 2011.

Threat and Contaminants

Recent site investigation work performed by the NYSDEC indicated that the soil at numerous properties along the Eighteen Mile Creek and the Creek sediments are contaminated with lead, zinc and copper, pesticide/insecticides, PCBs, benzo(a)pyrene, dioxins, and furans. Contaminated groundwater was also found along the west side of the Creek in the Corridor study area.

Possible sources of contamination include contaminant migration from hazardous waste sites and other contaminated properties located along the Creek, as well as industrial and municipal wastewater and storm water discharges, and combined sewer outfalls discharges.

Cleanup Approach

EPA proposed to include the Eighteen Mile Creek Site on the federal National Priorities List in the Federal Register on September 15, 2011. The Notice provided a two month public comment period which ended on November 15, 2011. On March 15, 2012, the site was included on the federal National Priorities List (NPL). In May 2012, EPA initiated its evaluation of data collected by the NYSDEC during its investigation of contaminated properties within the Creek Corridor.

EPA plans on addressing the Site in three phases or operable units (OUs). EPA will begin with OU1 which will address several contaminated properties on Water Street, in Lockport, NY, and which are located within the Creek Corridor. OU2 will address several other contaminated properties in the Corridor. OU3 will address contamination in the Creek north of Lockport to its discharge to Lake Ontario.

Cleanup Progress

EPA is evaluating the remedial investigation reports produced by the New York State Department of Environmental Conservation and the Great Lakes National Program Office and will use them as a basis for addressing the

contamination detected by the state investigations. Currently, EPA is preparing a plan to address contamination found at several residential properties on Water Street in Lockport, NY.

Site Repositories

Once EPA's Remedial Investigation and Feasibility Study of the Site is initiated, Site documents will be available at EPA's Superfund Records Center at 290 Broadway, New York, New York and at the Lockport Public Library at 23 East Avenue, Lockport, NY 14194.