

## SAUQUOIT CREEK FLOODPLAIN RESTORATION

**STATE PROGRAM:** New York Environmental Facilities Corporation

**ASSISTANCE RECIPIENT:** Oneida County/Town of Whitestown

**ASSISTANCE AMOUNT:** \$3.8M



### PROJECT DESCRIPTION

The Sauquoit Creek basin has historically experienced flash flooding, which impacted nearby communities. In recent years, these flooding events increased in frequency, which necessitated a basin-wide flood study. This study looked holistically at the entire basin and identified specific projects to mitigate impacts from rising water levels. The study results led to the \$7.8 million Sauquoit Creek Floodplain Restoration project, which received over \$3.8 million in funding from the CWSRF. This restoration project is being done in two phases. Phase one was completed in the fall of 2019 and created six acres of floodplains that provide three feet of flood water relief. Phase two is ongoing and builds upon the success of phase one to provide additional downstream floodplain drain systems. The installation of floodplain drain systems, as well as in-stream features to re-naturalize the stream channel, increased the floodplain area and reduced localized flooding. The project is located on both sides of an existing undersized rail bridge and required five new culverts to connect constructed wetlands to balance the hydrodynamics and return the flow to Sauquoit Creek. Once completed, the project will provide nearly four feet of flood water relief and improve the stream flow in the Creek.

To read more about this case study, please visit <https://www.epa.gov/system/files/documents/2022-02/2021-pisces-compendium.pdf>.