

SCAJAQUADA HYDROLOGY

CREEK FLOW, CHANNELIZATION, AND STORMWATER DISCHARGE

This map outlines Scajaquada Creek's unique and complex hydrologic system and how it interconnects with municipal sewer systems throughout the watershed. The impact of sewer systems and stormwater on the creek is important because it directly impacts the water quality and health of surrounding ecosystems. The more areas of land that support living infrastructure like plants and trees, the less untreated water we have entering the creek and overloading our sewers.

In the Combined Sewer Systems of Buffalo, rain and snowmelt (stormwater) flows directly into the sewer system via the storm drain. That combined water flows to the Buffalo Sewer Authority where it is treated and discharged into the Niagara River. During heavy rainfall, the system can reach its limit, causing Combined Sewer discharges of untreated water into Scajaquada Creek. In the Separate Sewer Systems of Cheektowaga, Depew and Lancaster, stormwater discharges directly into the creek without treatment and sewer water flows separately to the water treatment facility.

MAP KEY:



SCAJAQUADA CREEK

SCAJAQUADA CREEK (BURIED)

CHANNELIZED CREEK SEGMENT

CSO DISCHARGE LOCATION

SSO DISCHARGE

STORMWATER DISCHARGE

CSO WATERSHED AREA

SSO WATERSHED AREA

BUFFALO SEWER AUTHORITY

Bird Island Treatment Plant



