



FACT SHEET

West Side Sewer Extension

Purpose

South & Center Chautauque Lake Sewer District (SCCLSD) is extending its sewer system to the west side of Chautauque Lake to service approximately 770 developed parcels. The extension is required as the result of existing private septic systems not meeting standards and/or approaching the end of their useful life. These septic systems are a significant source of phosphorus loading within Chautauque Lake via direct or tributary waterways discharging into the lake. In 2002, the lake phosphorus level exceeded the NYSDEC guidance value of 0.020 mg/L, which is in place to protect recreational uses of lakes. In 2004, Chautauque Lake was officially designated as an impaired waterbody by NYSDEC per Section 303(d) of the federal Clean Water Act.

Project Area

See Reverse for Project Area Map

Major Project Elements

The major elements of the project were developed during preliminary studies completed in 2015 and 2017 on behalf of SCCLSD. During the preliminary and detailed design phase, GHD will establish the final alignment, which may adjust the quantities and length of the items listed below:

- Installation of a new pump station adjacent to the existing Sunrise Cove Pump Station and new force main from the station to the Sherman's Bay Pumping Station. The existing Sunrise Cove Pumping Station and force main will be replaced by these facilities. Therefore, all existing sewers tributary to this station will be directed to the new station.
- Installation of approximately 15,500 feet of gravity sewer.
- Installation of approximately 36,300 feet of pressure sewer.
- Installation of two intermediate pumping stations.
- Installation of approximately 200 grinder pumping stations.

Preliminary Project Budget

2017 Capital Cost: \$16,900,000

Financing

The project will be financed through a combination of grants and NYSEFC Clean Water State Revolving Fund (CWSRF) funding (0% interest for 30 years).

Grants: \$7,972,000

NYSEFC: \$8,928,000

Estimated 1st Year User Cost

Debt service and operation/maintenance will be spread evenly address equivalent dwelling units (EDU). An EDU is equal to a single family dwelling water usage. The 2017 report determined that there were 452.3 EDUs.

- Not to exceed \$1,000 per year per EDU for developed parcels
- \$100 per year for vacant parcels

Note: The annual EDU charge does not include private property lateral or interior plumbing improvements to connect to the system or the permit fees to SCCLSD. Each user is responsible to pay the cost to install a sewer line from their dwelling to the property line (for gravity connections) or to a grinder pumping station installed near the right-of-way. The expense will vary depending on type of service and subsurface conditions.

Projected Project Schedule

- Project Kick-off:
May 2019
- Survey and Geotechnical investigations:
May 2019 – December 2019
- Preliminary and Detailed Design:
August 2019 – February 2021
- Permitting and Agency Approvals:
November 2019 – October 2020
- Bidding/Award/Construction:
March 2021 – May 2023





**SOUTH & CENTER CHAUTEAQUA LAKE
SEWER DISTRICT
WEST SIDE SEWER EXTENSION
OVERALL SITE PLAN**

Project No. 11196997
Report No.
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FIGURE 1