

Village of Lakewood Grandview Stormwater Management Project Summary Sheet
NYSDEC WQIP Grant #C01491GG

Background. The Grandview Stormwater Management Project was initially envisioned by the Chautauqua Watershed Conservancy (CWC), EcoStrategies Engineering & Surveying PLLC, and the Village of Lakewood in 2019. In early-2020 the Village of Lakewood secured a Chautauqua Lake and Watershed Management Alliance (CLWMA) Consolidated Local Funding Grant to complete property acquisition (via Town of Busti & R. Davidson), site assessments, and a feasibility study for the project (prepared by EcoStrategies). Shortly thereafter, the CLWMA helped the Village secure a Chautauqua County Occupancy Tax 2% Lakes and Waterways Grant to help support a share of the final design and construction. The Village and CLWMA then secured the final piece of project funding needed to construct the project with a 2021 Water Quality Improvement Project (WQIP) grant from the New York State Department of Environmental Conservation (NYSDEC). The series of local grants dating back to 2020 was used as local match to leverage approximately \$250,000 in additional NYS funding.

Project Details. The project will transform a vacant parcel of Village-owned land into a series of engineered wetland complexes and a surface nature park. Once completed, the project will reduce sediment and nutrient loading to Chautauqua Lake and help address flooding along Fairmount Ave near the Save-A-Lot Plaza. The project design calls for the creation of approximately 100,000 cubic feet of stormwater detention through the creation of vernal pools, wetland complexes, and swales. Vegetation ranging from steep slope grass seed mixes to tree and shrub plantings are also anticipated to be installed to help improve water quality and site stability and provide wildlife habitat. A phosphorus binding media will also be incorporated into rock structures at the site to help remove dissolved phosphorus and other constituents. A trail around the facility and educational signage will be installed so that the public can utilize this site for active and passive recreation and learn about the project's impacts on the lake. Construction is scheduled for completion in ca. Winter 2023/Spring 2024.

Funding Overview. The majority of the project cost is funded by the Environmental Protection Fund administered by the NYSDEC through the Water Quality Improvement Project program. The local match is expected to come from the Alliance/Foundation Match Fund supported by the Chautauqua Region Community Foundation (CRCF), The Lenna Foundation, and the Holmberg Foundation, a County Occupancy Tax 2% Lakes and Waterways Grant to the Village of Lakewood, and a portion of a 2020 CLWMA Consolidated Foundation Grant with funding provided by The Lenna Foundation, the Ralph C. Sheldon Foundation, and the CRCF.

Project Partners:

- Village of Lakewood: Grantee and project owner
- CLWMA: Grant writing and administration; project management/coordination; local match via Alliance/Foundation Match Fund & Consolidated Local Funding Program
- CWC: Initial project development, planting and design assistance, and education and outreach
- County of Chautauqua: Local match funding assistance via Occupancy Tax 2% Lakes & Waterways Grant
- NYSDEC: NYS grant funding via WQIP program and Environmental Protection Fund
- EcoStrategies Engineering & Surveying PLLC: Project Engineer
- Rock of WNY, Inc.: Project Contractor (construction scheduled to start ca. Summer 2023)
- Town of Busti: Assisted with property transfer/acquisition
- Ronald Davidson: Assisted with property transfer/acquisition

