

City of Glens Falls Update

Projects Reduce Sewer Overflows

\$12.7 Million Plan to be Completed

Treatment Plant Upgrades and Stormwater Reductions



The City of Glens Falls is implementing a plan to further reduce the frequency and volume of combined sewer bypasses and overflows caused by heavy runoff during storms.

Work is well along on a \$12.7 million set of projects and activities around the city and at the wastewater treatment plant. The projects will reduce runoff, separate storm drains and sanitary sewers, and improve treatment of wet weather flows. In addition to the water quality benefits, the program will reduce energy demands and maintenance; improve the collection systems; and restore wastewater treatment capacity.

The plan also involves an annual program of camera searching to find and correct illicit drains and cross connections between the sanitary and storm drainage systems.

City officials are using “green” infrastructure measures to reduce stormwater. Grassed areas, tree pits, rain gardens and bio-retention systems use plants and soil infiltration to manage runoff naturally and locally saving maintenance, pumping and repairs. The water quality benefits for local streams is enormous.

“Smart growth” is a term used for a strategy to re-purpose existing, underutilized development rather than spreading out endlessly. Smart growth helps preserve open space for farming, wildlife habitat and recreation. “Green infrastructure” supports smart growth by retrofitting existing development with effective on-site stormwater management.

Water Quality A Nation-wide Goal

About Combined Sewer Overflows

The City of Glens Falls is part of a nationwide effort to eliminate a major water pollution problem. Underneath our cities, stormwater and sewage often get combined. The surge during storms overtaxes capacity, overflowing and polluting our rivers, lakes and coastal waters. It is a costly problem to fix, one of many nation-wide problems chasing U. S. dollars. However, progress is being made.

STORMWATER REDUCTION PROJECTS



An infiltration basin is being installed at the Broad St. Firehouse as part of a street improvement project.

Broad Street

Several stormwater and sewer separation measures were installed as part of the recently completed Broad Street streetscape improvements.

Hudson Ave

A massive infiltration measure was installed in a vegetated median along Hudson Ave.

Park Street

Infiltration measures were installed as part of the new city parking garage project.

Platt Street

New stormsewers were built and the entire sanitary sewer was relined.

South Street

Reducing stormwater at its source eliminated a combined sewer manhole.

Cross Connections Eliminated

City crews eliminated old cross connections on Marion Avenue and Warren Street.

Ridge Street

Designs are done and funding applications are in place to separate stormwater.

TREATMENT PLANT IMPROVEMENTS WILL CAPTURE AND TREAT MORE PEAK FLOWS

Aeration Chambers

Restoration of the two aeration tanks will save energy and return an inoperative tank to service. This and other improvements add capacity to accept storm related peak flows.

Inflow Control Weir

A new inflow control weir structure opens a bottleneck for the plant to accept higher peak flows.

New Bypass Sewer and Debris Screen

This measure will remove pollutants.

Photo right. Hudson Avenue Stormwater Infiltration Field.

