

Scottsville Pump Station & Force Main

Scottsville, NY

This award winning project began with a comparative study conducted by MRB Group for the Village of Scottsville. In order to reduce costs and create efficiency, the Village initiated a collaborative project which decommissioned an aging, costly wastewater treatment plant.

Today, a new regional sanitary sewer pump station and a 3.2-mile-long force main transmits sewage to the Monroe County Pure Waters South Central Sewer District for treatment.

MRB Group facilitated a three party inter-municipal agreement between the Village, Monroe County, and the Town of Wheatland. MRB Group then assisted in completing a funding application through the New York State Department of State for a Local Government Efficiency Grant, which ultimately provided the Village and Town with \$400,000 to offset capital project costs.

Preliminary engineering services included environmental review and clearances, and completion of a report to outline project scope and estimated cost. Preliminary design included submittals to New York State Department of Environmental Conservation; New York State Agriculture and Markets; New York State Office of Parks, Recreation and Historic Preservation; Monroe County Department of Health; New York State Department of Transportation; and the Town of Henrietta for review and approval.

Design services included sanitary sewer design for a regional pump station, 3.2-miles of force main, and lining of the existing Wheatland Northeast Sewer District trunk sewer. The pump station design included the conversion of the existing wastewater treatment plant influent building to a regional pumping station with three equally sized 50 Hp pumps, containing the capacity to transmit a peak flow of 1,750 GPM. The force main design included one, 14" diameter force main and a 4" diameter fiber optic conduit from Scottsville to the Monroe County Pure Waters Riverton Pump Station, requiring directional-drilled crossings of Oatka Creek and the Genesee River, and an interconnection with a new 16" diameter force main at the Riverton Pump Station. The force main design also included a 16" diameter Monroe County Pure Waters force main from the Riverton Pump Station to the existing 30" diameter Monroe County Pure Waters South Central interceptor sewer.



Client: Village of Scottsville

Completion Date: 2013

