



Project Profile...



Smith & Loveless, Inc.

Village of Honeoye Falls, NY
Wastewater Treatment Plant
Headworks Improvements

Facility Contacts:

Operations Staff: Greg Emerson and Brian Anderson
Engineer: LaBella Associates, P.C.

Project Summary:

In 1996, the Village of Honeoye Falls upgraded its treatment facility. Excessive amounts of grit were causing mechanical failures downstream of the plant headworks. The engineering evaluation concluded that a mechanical bar screen and vortex grit chamber would be the most effective means screenings and grit removal.

Use of the bar screen and grit chamber has reduced operations and maintenance requirements in the headworks. In addition, clarifier and sludge equipment are less susceptible to damage from grit; therefore, equipment life will be extended.

Our special thanks to Ben Rowlinson, retired Chief Operator. Ben's dedication to his work and the Village is inspiring.

Grit Removal and Bar Screen Equipment Components:

Average Daily Flow: 0.4 MGD Peak Daily Flow: 2.0 MGD
Heavy Grit from Collection System Inflow and Infiltration

Smith & Loveless PISTA GRIT SYSTEM

- # Model 2.5 PISTA Grit Chamber
- # Top Mounted TURBO Pump
- # Grit Concentrator
- # Dewatering Screw/Conveyor
- # Control Panel

Schloss Engineered Equipment, Inc.

- # Model MARK IX Mechanical Bar Screen
- # 1/2 " Screenings Retention
- # All Stainless Steel Materials
- # Dewatering Screw and Compactor
- # Control Panel