



Sewer System Modeling

Greer Commission of Public Works

Greer CPW owns and operates a wastewater collection and interceptor sewer system that collects wastewater from all its customers and discharges the wastewater along several different sub basins for treatment at either the Maple Creek WWTP or the Pelham WWTP owned by REWA. The wastewater system consists of over 5,000 sewer lines and manholes, along with multiple lift stations and forcemains all within multiple sub basins. The need to address Rain Dependent Inflow and Infiltration (RDII) in a logical and cost effective way, along with the need to set priorities for spending capital improvement dollars on various projects that address overflows, critical bottlenecks, and system growth, Greer CPW commissioned Design South to develop a computerized model of their sewer system.

Greer CPW selected MWH Soft *InfoSewer*[®] as the computational software package to model various flow conditions and the system response to these flows. The software integrates with ESRI ArcMap and initiates from the ArcMap platform, which Greer CPW currently uses for its GIS application. Design South developed the sewer system model from existing sewer lines, manholes, and other asset attribute records. Design South used the built in software functionality to convert these GIS records to computational layers that the model needs in order to analyze, compute, and generate output.

- The Project:
- Preliminary Engineering Report
 - Preliminary Design
 - Field Location Survey
 - Final Design
 - Construction Services

Contract Value:

Contract Period:

WASTEWATER COLLECTION



DESIGN SOUTH
PROFESSIONALS, INC.

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