

**VILLAGE WATER AND WASTEWATER STUDIES
ELIZABETH, ILLINOIS**



The objective of studying the existing water and wastewater systems for the Village of Elizabeth was to determine what improvements to the existing systems would have to take place in order to accommodate the Sant' Anna Ridge development, a 177-lot development which would double future population projections. The scope of services included review of existing documentation on the water distribution and wastewater collection systems, update the Village's hydraulic analysis and include the Sant' Anna ridge Development, and prepare recommendations as to what modifications to the existing systems are required. Water distribution modeling was performed with WaterCAD and included fire flow analysis.

Client: Village of Elizabeth

Services Provided:

- Reviewed previous water and wastewater studies
- Field investigation and data collection
- Incorporated 2008 data to previous study work
- Incorporated Sant' Anna Ridge Development
- Modeling of Water Distribution System
- Report Preparation
- Exhibit Preparation
- Report and Exhibit Presentations to the Village Board

This project reflects
Staff experience.