

**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. Sant' Anna Ridge is 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, updating of the Village's hydraulic analysis to include the Sant' Anna ridge Development, and recommendations outlining the modifications that would be required to the existing systems. Water distribution modeling was performed with WaterCAD and included fire flow analysis.

**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 Firm  
And Staff experience.