

# Solutions

**WILSON**  
& COMPANY



## How do you avoid needless costs in maintaining and upgrading your wastewater treatment facility?

### Understand the entire spectrum of your wastewater utility.

A wastewater utility encompasses much more than the equipment that transforms septic influent sewage into clean and usable effluent wastewater. Remember that your sanitary sewer collection system may contribute to inefficiencies or complications at the treatment facility.

### Identify opportunities to improve your collection system.

To reduce costs in operating and upgrading your wastewater treatment facility, you should examine the flows and loading rates in your collection system that drastically impact treatment processes and capacities. To understand your collection system better, you can:



### Meet Our Staff

#### Brian Spano, PE

Brian specializes in providing study, design, and construction related services for municipal utility services - including water supply, treatment, distribution, and storage; wastewater collection and treatment; and wastewater reuse systems. He also has experience in performing "city

- Discover I&I (inflow and infiltration) problems using CCTV (closed circuit televising), flow monitoring, smoke testing, and manhole inspection.
- Discover excess loading or "dumping" by wastewater dischargers can be captured utilizing flow monitoring and site specific sampling.

engineering" services. He is licensed in Kansas, Nebraska, Missouri, Oklahoma, Colorado, and Ohio.

Brian can be reached at

785-820-2603.

## Did You Know?



In an engineering study for the City of Chanute, KS, our team discovered that over ONE-THIRD of the City's wastewater treatment facility's influent flows were due to I&I problems in the collection system! Correcting these problems will save the City millions of dollars on a facility upgrade that will be required for biological nutrient removal.

Visit our [website](#) for more engineering solutions!