



## CASE STUDY

### PROJECT NAME

Residential Treatment System  
Replacement in Granger, IN

### SYSTEM SPECIFICATIONS

600 GPD residential replacement  
leachfield in a 9-foot by 72-foot bed

### PRODUCTS USED

280 linear feet of Advanced Treatment  
Leachfield (ATL)

### INSTALLATION DATE

November 2019

### OWNER

Paul and Jane Raiser

### ENGINEER

Stuart Meade  
Meade Septic Design, Goshen, IN

### CONTRACTOR

Dervin Witmer  
Dig-It Excavating, Cassopolis, MI

### ENVIRONMENTAL HEALTH OFFICER

Brett Davis  
St. Joseph County Health Department

## First Infiltrator Advanced Treatment Leachfield (ATL) in St. Joseph County, Indiana Solves Limited Site Challenges for Residential Replacement System

### SUMMARY

A failing 40-year old septic system required replacement but site limitations and regulations limited the options available to the homeowners.

### CHALLENGES

Current regulations prohibited the use of conventional trenches due to lack of space available. In addition to limited in space for a new system and soil spoils, an extremely steep brick paver driveway made the use of heavy equipment risky and potentially damaging.

### SYSTEM DETAILS

The ATL system selected was the first installed in St. Joseph County. It enabled the system engineer to reduce the footprint required for the system based on the ability of the ATL to treat effluent to NSF-40 levels. The County had just approved the use of the ATL and the system engineer, Stuart Meade, was certified on use of the technology. St. Joseph County requires all individuals involved in the design, installation, and inspection to be certified by the manufacturer. To accomplish this, the County provided training meetings for sanitarians and the installer, Dervin Witmer, in conjunction with the project.

### RESULT

The installation was successful. Without the system size reduction allowable by use of the ATL, there were no other approved options for the homeowners.

*"We like to take the unique and tight access sites. We enjoy the challenge and the ability to provide a solution that is out of the ordinary," - Dervin Witmer, Dig-It Excavating*



**INFILTRATOR**  
water technologies

4 Business Park Road, Old Saybrook, CT 06475  
(800) 221-4436 • [info@infiltratorwater.com](mailto:info@infiltratorwater.com)