

CASE STUDY

First Residential **ATL** System Installed in Genesee County

Elba, NY

SYSTEM SPECIFICATIONS

Residential Wastewater Treatment System

INSTALLATION DATE

June 2018

PRODUCTS

Advanced Treatment Leachfield (ATL) combined treatment and dispersal system

ENGINEER/INSTALLER

Ambrewster Design, Elba, NY

DISTRIBUTOR

Kistner Concrete, Clifton Springs, NY

DESCRIPTION

A new home under construction in Elba, NY, is the site of the first Infiltrator Advanced Treatment Leachfield (ATL) system in Genesee County. The high water table present during home construction and small site limited the options for the onsite septic system.

The rural location with frequent power outages eliminated any system that required a pump. Due to the high water table and small footprint of the site, a traditional drainfield system was not an option. A large mound system was considered however the homeowner did not want a system that would impact the visual landscape.



A 900 square foot Infiltrator ATL C-33 system was installed at a six-inch depth. Due to the requirement to have two feet of workable soil before groundwater, the four-inch size of the ATL and the taller invert were ideal. The passive ATL system eliminated the need for a pump system and operates even if the power is interrupted. The installer boxed out the bed system, installed 300 linear feet of Infiltrator ATL, and backfilled the system in one day.

The homeowner and area regulator were pleased with the system install and the minimal impact on the home landscape. The bed installation made inspecting the system easy for the regulator.



IWTCS-ATL-572018

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