

## CASE STUDY

# Enviro-Septic Used in Replacement System for Motel

## Auburn, ME

### SYSTEM SPECIFICATIONS

1,720 GPD Wastewater Treatment System

### INSTALLATION DATE

Fall 2019

### PRODUCTS

Enviro-Septic® (AES) combined treatment and dispersal system and Presby Maze® septic tank insert

### OWNER

Riverside Inn, Auburn, ME

### DISTRIBUTOR

Septic Systems of Maine, Lewiston, ME

### DESCRIPTION

The Riverside Inn in Auburn, ME, experienced abnormally high solids buildup requiring frequent maintenance and sought replacement of its old, concrete chambered septic system. System designers had to design a new system that would enable the existing system to remain operational during construction to accommodate long-term tenants at the facility. The new system design required State of Maine approval.

An Enviro-Septic combined treatment and dispersal system was selected. The Enviro-Septic system was designed to handle the 1,720 GPD design flow from the 16-unit motel. The system includes two 1,500-gallon septic tanks with a Presby Maze installed in one tank to increase efficiency by lengthening the flow path and further trap suspended solids. During ground preparation for the replacement system, three-feet of silty clay on top of the old system that was contributing to the perched water table was removed.



The new system was installed in two phases. Approximately two feet of clean sandy loam fill was placed below the proposed disposal system and once the first section of the system was installed and inspected, the existing disposal system was disconnected. Then, the new 1,500-gallon septic tank with the Presby Maze and a new septic tank and pump station were installed and connected to the replacement disposal system. Once complete and functional, the second section of the system was completed, connected, loamed, and seeded as required by code.



Kathy-Rae Emmi, Septic Systems of Maine, reports that the property owner is happy. There was no disruption to wastewater flows during construction and the new Enviro-Septic combined treatment and dispersal system is operating as designed.

