

CASE STUDY

Advanced Enviro-Septic Enables Expansion of Home Daycare

Garfield, AR

SYSTEM SPECIFICATIONS

500 GPD Wastewater Treatment System

INSTALLATION DATE

Summer 2023

PRODUCTS

Advanced Enviro-Septic® (AES) combined treatment and dispersal system and Aquaworx Remediator

OWNER

In His Care Children's Center, Garfield, AR

INSTALLER

BBB Septic & Portable Toilets, Bentonville, AR

DISTRIBUTOR

Stewart Concrete/Piles

DESCRIPTION

In His Care Children's Center is a home daycare facility located in Garfield, AR. The facility received grant money for expansion to accommodate up to 16 children; this expansion required an upgrade to the existing septic system.

Space was the primary challenge with this site. Most of the lot was a parking lot; remaining land featured steep slopes and a spring/creek.

An Advanced Enviro-Septic (AES) combined treatment and dispersal system was selected for this site. AES has been tested in accordance with NSF/ANSI 40 and has determined that the system is capable of treating domestic strength wastewater to Class I levels. The AES system occupies minimal space and performs aerobic treatment and dispersal in the same footprint. This eliminates the need for a separate drainfield. The 500 GPD system design incorporated an Aquaworx Remediator within the primary septic tank to help bring influent to residential levels and 240 ft. of AES pipe. The installed system occupied a total space of 13'x42'.

The system was installed with grant money allowing the facility to remain operational and grow.

