

Puraflo®

Peat Fiber Biofilter

Quick Facts

Application:
Intermittent Use

Product:
Puraflo®

Distributor:
Sewage Equipment Sales & Service Inc.

Installer:
Morris&Sons Construction and Advantage Concrete Contractors.

Location:
Jemison, AL

Puraflo Provides Cleaner Effluent for Alabama Campground

Situation

Minooka Park is located in Chilton County, the geographic center of Alabama. The 366-acre park is primarily an ATV/off-road motorcycle park with miles of trails dedicated to off-road enthusiasts and has just completed a new RV campground. Minooka Park opened with a 10,000 gallon septic tank that was emptied every two months with the contents taken to the Calera wastewater treatment facility. Calera stopped taking sludge from outside the city so Minooka Park needed to find an environmentally-friendly solution to wastewater treatment.



Solution

Glenn Littleton, facilitator of the Cahaba Clean Water Partnership and coordinator of the Buxahatchee Creek Watershed Restoration Project worked with others to obtain grants through the Alabama Department of Environmental Management and the United States Environmental Protection Agency for a system that provides a cleaner effluent.

According to Glenn, "We chose Puraflo since it purifies water to 90% versus the 40% of septic tanks." Treated wastewater is dispersed through 800 linear feet of field line for additional purification in the leach system before entering the watershed.

The new system treats wastes from the RV's as well as the restrooms inside Minooka Park.



Results

According to Allen McLemore, engineer of the system, "In my opinion, this system is more ecologically sound and more energy efficient than a municipal septic system."

The properties of the Puraflo peat fiber biofilter make it an ideal solution for a facility that will have intermittent and highly variable use based on the time of year and weather.



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