



CASE STUDY

PROJECT NAME

Twin Oaks Mobile Home Park
McComb, MS

SYSTEM SPECIFICATIONS

20,000 GPD Wastewater Treatment System

INFILTRATOR PRODUCTS USED

ECOPOD® Advanced Wastewater
Treatment System

INSTALLATION DATE

2015

ECOPOD System Installed for Wastewater Treatment at Mobile Home Park with Over 35 Homes

SUMMARY

This system was designed to treat the domestic waste generated by over 35 mobile homes on an approximate 16-acre lot in the small rural community of McComb, Mississippi. Design flow was set at 20,000 GPD at an average strength of 300 mg/L of both BOD and TSS. The system can handle the average daily flow's fluctuation over a range of 50% to 100% of the design flow. ECOPOD media was contained within customized stainless steel reactor boxes, and the kits were installed in pre-constructed concrete tanks. ECOPODs were shipped directly to the site complete and ready for installation, consisting of component equipment required for efficient and proper system operation. A total of five (5) 5,000-gallon reactor tanks were installed, each housing an ECOPOD E400 unit capable of treating 4,000 GPD to an effluent level below 20 mg/L each BOD and TSS. The reactor tanks were preceded by a series of two (2) 5,000 gallon primary tanks. A spray disposal system was also supplied by Infiltrator, complete with effluent pumps, spray heads, tubing, controls, and all necessary valves and fittings. Concrete tanks supplied by a local pre-caster.



INFILTRATOR
water technologies

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