



INFRASTRUCTURE DYNAMICS

SUSTAINABLE UTILITIES FOR A BETTER TOMORROW



Town of Coalwood – WWTP

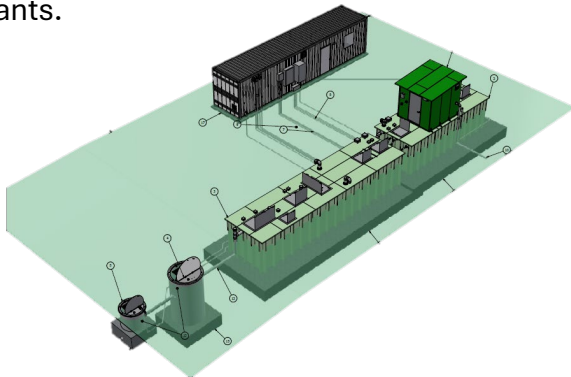
McDowell County, WV

OWNER

**McDowell County
Public Service District**

PROJECT DESCRIPTION

To address failing septic conditions and environmental contamination in rural Coalwood, WV, our decentralized wastewater treatment system was installed—restoring safe, compliant sanitation for the community. Featuring modular construction, rapid deployment, and long-term durability, the project was completed in under four months and serves as a model for rural wastewater solutions funded through public infrastructure grants.



INSTALLATION DATE:

January 2023

SCOPE OF SUPPLY

- **EveraTANK™** Flow Equalization & Headworks
- **EveraTREAT™** IFAS Biological Treatment System
- **Effluent Meter Vault**
- **Chlorine Contact Chamber**
- **EveraBOX™** Modular Equipment Building
- **EveraBOX™** Headworks Building
- **Remote Control & Monitoring**
- **Installation & Commissioning Support**

Technical Data

Constituent	Influent	Effluent (max)
Flow Rate	17,500 GPD (ADF)	--
BOD5	350 mg/L	< 20 mg/L
TSS	350 mg/L	< 30 mg/L
TKN	50 mg/L	< 3.5 mg/L (TN)
Phosphorous	10 mg/L	< 4
pH	6.5 to 8.5	6.5 to 8.5
Fats, Oils, Grease	< 10 mg/L	NA
Water Temperature	40 F to 95 F	< 105 F