



BIOFILTRO

worm powered wastewater solutions

Put A Little Wiggle in Your Wastewater



Our **Wiggle Room** containerizes our worm powered wastewater solution to deliver the ultimate can of worms. The system is housed in a high cube modified shipping container and consists of two stories of worm beds which can treat the water in parallel or in series.

The Wiggle Room is sold with a Control Unit to provide upstream treatment and total system control. One Control Unit can service up to six units though modifications to upstream storage capacity may be required after the initial three units. System requires influent pH to be between 6.0 - 9.0 and the Control Unit can be purchased with a pH adjustment system.

Our units can be fabricated and delivered within 4 - 6 weeks and are available to purchase or finance through our Wastewater as a Service model.

Treatment Process	Continuous Batch With Beds Running in Parallel or Series
Treatment Time	4 Hours for 80% + Removal 8 Hours for 95% + Removal
Operating Weight	≤ 22,000 lbs
Operating Dimensions	20' L x 8' W x 11' H
Sitework	90% Compaction, 4" Gravel Pad; 2-3% Slope

Take Control of Your Wastewater



- ✓ Energy Efficient
- ✓ Modular & Scalable
- ✓ Turn Key Installation
- ✓ Remotely Monitored
- ✓ Beneficial Byproducts

Our units come equipped with Nightcrawler, BioFiltro's very own monitoring software. Accessible from tablets, cell phones, and desktops, Nightcrawler enables users to execute operational and troubleshooting functions while logging and displaying real time water usage and influent and effluent water quality data. It can interface with existing software to increase overall operational efficiencies. Should the customer's flow, water quality, or discharge permit change and thereby require further treatment, additional Wiggle Rooms and or tertiary treatment systems can be snapped on to keep you in compliance.

The daily treatment capacity of each unit dictated by how many pounds of BOD5 need to be removed each day, though the system can also achieve up to 99% removal of constituents such as TSS, TKN, Ammonia, and Phosphorus.

AVERAGE TREATMENT CAPACITY (Gallons Per Day)		
Influent BOD5	80%+ Target BOD5 Removal	95%+ Target BOD5 Removal
0 - ≤ 500 mg/L	≤ 4,000	≤ 2,000
501 - ≤ 1,000 mg/L	≤ 3,000	≤ 1,750
1,001 - ≤ 12,000 mg/L	≤ 1,000	≤ 500
12,001 mg/L +	≤ 600	≤ 300