



BIOFILTRO

worm powered wastewater solutions

Wiggle with your Wastewater



Our **Wiggler** is a compact stand alone wastewater package system housed in a 20' shipping container. With a maximum treatment capacity up to 1,500 gallons per day, this system is ideal for rural sanitary needs, boutique processors, and/or for research.

The **Wiggler** 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 are designed and built in California and take 4 - 6 weeks to deliver. They are available to purchase or can be financed through our Wastewater as a Service model.

Treatment Process	Continuous Batch
Treatment Time	4 Hours
Operating Weight	≤ 12,000 lbs
Operating Dimensions	20' L x 8' W x 8' H
Sitework	90% Compaction, 4" Gravel Pad; 2-3% Slope

Take Control of Your Wastewater



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

Removal Efficiencies	
BOD5	85 - 99%
TSS	85 - 99%
TKN	40 - 95%
Ammonia	65 - 85%
Phosphorus	35 - 70%

TREATMENT CAPACITY	
Influent BOD5 mg/L	Gallons Per Day
0 - ≤ 500	≤ 2,000
500 - ≤ 1,000	≤ 1,500
1,000 - ≤ 6,000	≤ 600
6,000	≤ 300

Our systems come equipped with Nightcrawler, our very own monitoring software. Accessible from tablets, cell phones, and desktops, Nightcrawler enables users to execute basic operational and troubleshooting functions while logging water usage and influent and effluent water quality data. Customers can also leverage this software to reduce their water usage and increase their sustainability metrics.

Should the customer's flow, water quality, or discharge permit change and thereby require additional treatment, additional Wrigglers and or tertiary treatment systems can be snapped on to keep the system within compliance.