

WASTEWATER TREATMENT PLANT IN A BOX

COLORADO PERMITTED SYSTEMS FOR DECENTRALIZED WASTEWATER TREATMENT

AquaWorks DBO, a Denver based professional engineering firm, is pleased to announce its partnership with Newterra to provide 5,000-75,000 GPD complete wastewater treatment plants in Colorado. Featuring Newterra's "Wastewater Treatment Plant in a Box", our team can provide under one contact the tools you need to install a wastewater treatment plant **without the need for a building**.



Scalable: Our modular systems can expand as capacity requirements change – and be redeployed at the end of a temporary project if necessary. Developers can defer infrastructure spending by phasing in sewage treatment capacity in parallel with the phases of a project.

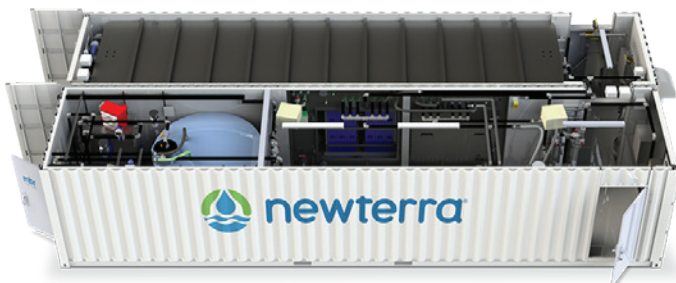
Complete: Our modular systems are factory built and fully tested and come with everything you need for your site.

Water Reuse Ready: MicroClear MBR/S systems have discharge water that is suitable for reuse for most applications with no further treatment.

Reduced On-Site Construction: Modular systems are pre-plumbed, pre-wired and undergo comprehensive testing, allowing for fast installation and minimized onsite work.

Maximum Uptime: Proven, standardized components and strategic redundancy to allow continuous operation – even during maintenance procedures.

Minimal Maintenance: Air scouring and periodic membrane relaxation prevent fouling.



ACHIEVABLE EFFLUENT LIMITS:

BOD < 5 mg/L

TSS < 5 mg/L

Turbidity < 0.5 NTU

Total Phosphorous < 0.1 mg/L

Total Nitrogen < 5 mg/L

Colorado Department of Public Health & Environment Approval: The Newterra MBR meets preapproved State of Colorado design requirements.

 OUR CAPABILITIES	 OUR SOLUTIONS	 CONVENTIONAL APPROACH
Project Financing	Offered by Newterra	Client to source from limited funding
CDPHE Site Application	Completed by AquaWorks DBO	Client's engineering firm
CDPHE Process Design Report	Completed by AquaWorks DBO	Client's engineering firm
Final Engineering Drawings & Specifications	Completed by AquaWorks DBO	Client's engineering firm
Complete Equipment Supply	Provided by Newterra	Client and engineer source technology
Equipment Installation	Our Recommended Contractor	Client's engineer to issue RFP for contractors
Equipment Startup & Commissioning	Provided by Newterra	Owner must coordinate multiple groups
Continued Operations	Your Contract Operator	

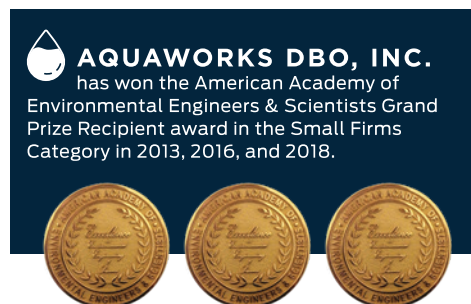
About Newterra

Newterra is recognized as a leader in the development of modular treatment solutions for water, sewage, wastewater and groundwater remediation for industrial, municipal, land development, commercial & residential markets. Our heritage of innovation in providing clean water solutions dates all the way back to 1863. Over that time, newterra has grown to over 200 people and we've installed thousands of treatment systems – some of which operate in the most extreme conditions on the planet.



About AquaWorks DBO, Inc.

AquaWorks DBO is a Denver, Colorado, multiple-award-winning civil and environmental engineering firm that provides complete consulting services for small-scale water and wastewater treatment systems. AquaWorks DBO excels in initial conceptual planning through construction oversight of package water and wastewater systems that treat fewer than one million gallons per day.



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