



# technical datasheet

## WWT-7

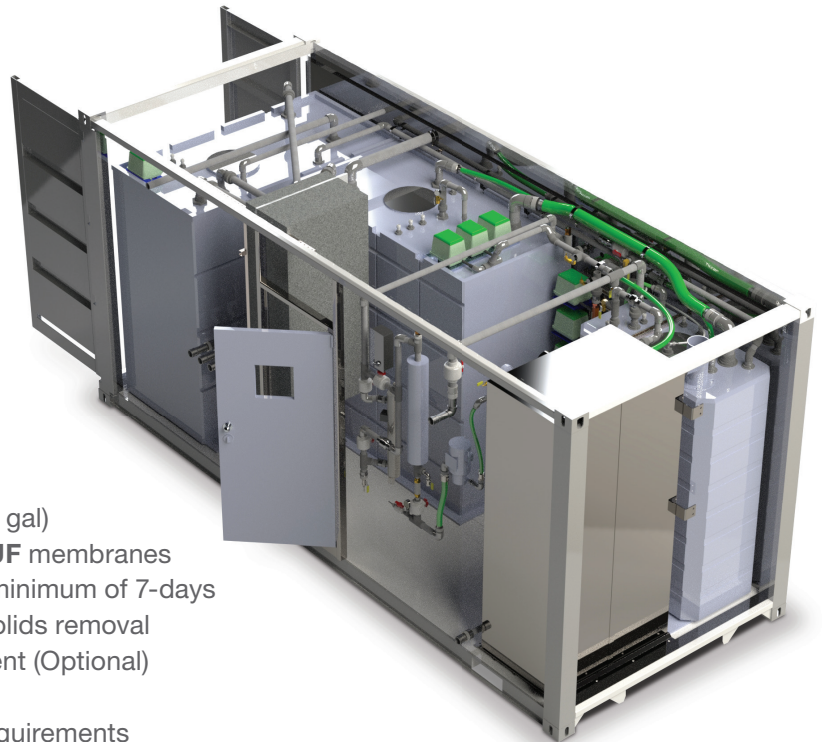
### Modular Sewage Treatment System

The compact **newterra WWT-7** is a stand-alone treatment plant capable of treating all sewage for camps and remote sites with populations of up to 30 people. The rugged, self-contained system is housed in a single ISO-certified 20' high cube shipping container and built to endure extreme weather. The system uses membrane bioreactor (MBR) technology, and features **newterra's** innovative **MicroClear® UF** membranes for exceptional permeate quality that meets the most stringent regulatory requirements and is suitable for reuse applications.



#### MicroClear® UF Membrane

Like all **newterra** MBRs, the WWT-7 Piloting system features our innovative **MicroClear®** flat sheet membrane. It ensures that permeate meets or exceeds regulatory requirements for discharge and reuse.



#### Features Include:

- 7.5 m<sup>3</sup> capacity (1,980 US gal)
- Advanced **MicroClear® UF** membranes
- Runs operator-free for a minimum of 7-days
- Primary clarification for solids removal
- Integrated spill containment (Optional)
- Sludge storage
- Low power & chemical requirements
- Fully automated controls simplify operation & maintenance
- Advanced telemetry for remote control, monitoring & diagnostics
- Separate equalization, aeration and MBR tanks for process isolation

1.800.420.4056  
1.613.498.1876  
newterra.com



**newterra®**  
clean water. modular solutions. *simple.™*



# About newterra

## A Global Water Technology Leader

**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.

## Full Control from Start to Finish

At **newterra**, we take full control of virtually every aspect of the treatment systems we build – from process design and engineering to manufacturing, installation, operations and ongoing parts & service support. That also includes manufacturing our own MicroClear® UF membranes in **newterra's** ISO 9001:2008 certified facility. This award-winning approach ensures **newterra** treatment systems meet our high standards for quality and on-time delivery.

**200+**  
Employees

**40+**  
Professional  
Engineers

**10,000+**  
Installations  
Worldwide

**CANADA'S  
BEST  
MANAGED  
COMPANIES**  
Platinum member

2015  
Global Cleantech  
**100**  
TOP 100 COMPANY

**Burlington, ON**  
Engineering &  
Sales Office

**Brockville, ON**  
Head Office &  
Manufacturing Facility

**Langgöns, Germany**  
MicroClear Office &  
Manufacturing Facility

**Calgary, AB**  
Sales Office &  
Service Center

**Trooper, PA**  
Engineering &  
Sales Office

**Macon, GA**  
Manufacturing  
Facility

**Venice, FL**  
Sales Office, Manufacturing  
Facility & Service Center

**Santiago, Chile**  
Sales Office &  
Service Center



**Brockville, Canada**



**Langgöns, Germany**



**newterra**  
clean water. modular solutions. *simple.*

1.800.420.4056 | 1.613.498.1876  
[newterra.com](http://newterra.com)