

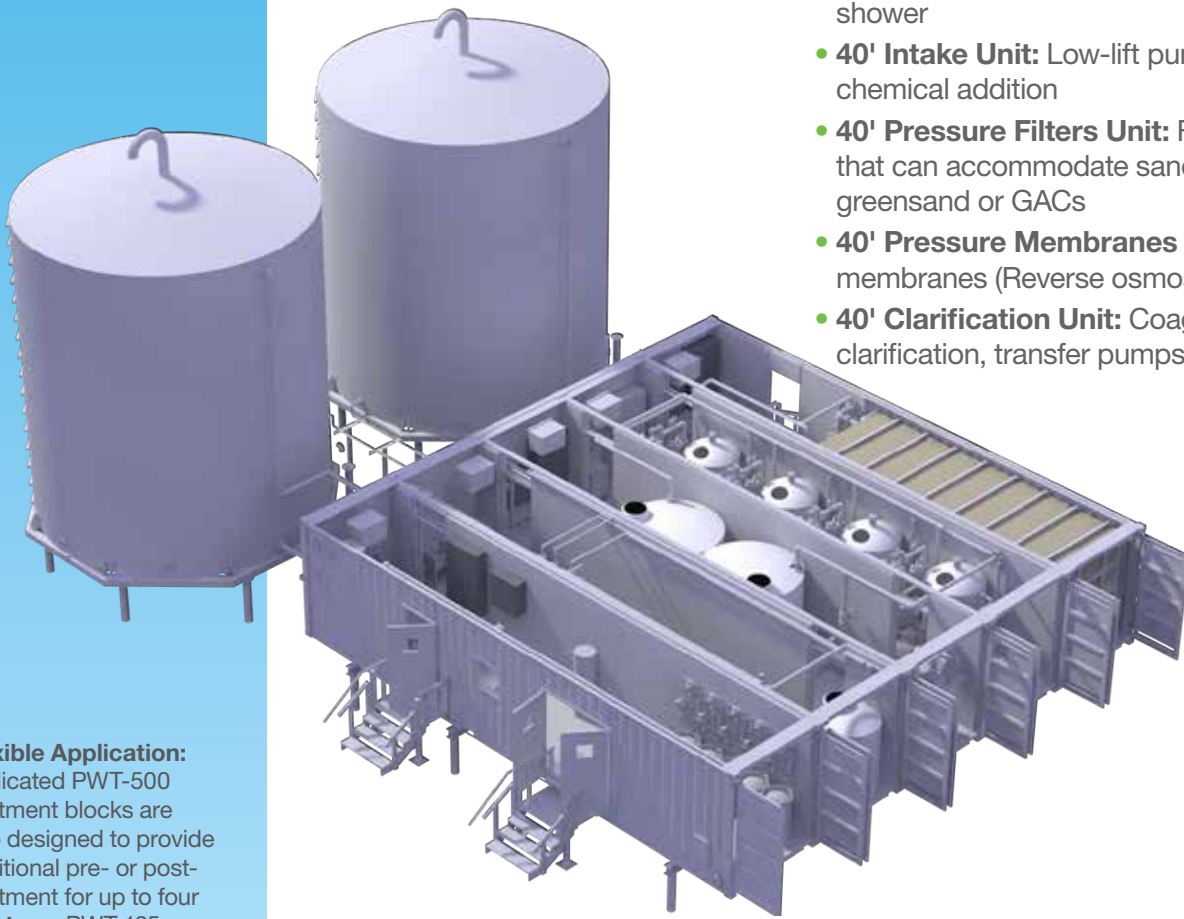


## PWT-500

### Potable Water Treatment Large Train System

For large camps with populations expected to exceed 2,000 people, **newterra's** modular PWT-500 Potable Water Treatment Large Train System employs 40' containers dedicated to a specific, complimentary treatment process (e.g. greensand filtration, nanofiltration, etc.). This is a more efficient approach to addressing source water variability. Individual containerized treatment units have a 500 m<sup>3</sup> capacity (136,085 US gal) and are interconnected to provide the complete treatment process train. The system can be configured for both groundwater and surface water sources.

- **40' Distribution Unit:** UV disinfection, free chlorine, distribution pumps, sink & safety shower
- **40' Intake Unit:** Low-lift pumps, screening, chemical addition
- **40' Pressure Filters Unit:** Flexible media filters that can accommodate sand, manganese greensand or GACs
- **40' Pressure Membranes Unit:** High-pressure membranes (Reverse osmosis or nanofiltration)
- **40' Clarification Unit:** Coagulation, flocculation, clarification, transfer pumps



**Flexible Application:**  
Dedicated PWT-500 treatment blocks are also designed to provide additional pre- or post-treatment for up to four **newterra** PWT-125 Mini Train Systems in applications where the base designs require additional treatment capacity.

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



**newterra**<sup>®</sup>  
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



**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

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

**Macon, GA**  
Manufacturing  
Facility

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



Brockville, Canada



Langgöns, Germany



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