

# Key feature: “Proven Technology”



## Robust Transportable Factory-built Wastewater Treatment Systems

Our containerized wastewater management systems have been manufactured since 2000 and provide an environmentally friendly solution to temporary and permanent installations requiring superior quality treated effluent.

Ideally suited for installations such as:

- Temporary construction sites, spill clean-up sites, environmental remediation sites
- Oilfield, mining or exploration camps
- Construction camps, road construction or winter road construction
- Fire fighting camps, tree planting or disaster relief camps
- Military or peacekeeping application
- Remote tourist establishments, lodges, outpost camps
- Single family residential housing and subdivision developments



### 5 models are available to suit most applications

The most common are 20 and 50-person-units and based on these core models numerous sizing combinations are possible. The system components are modular and we can supply and service installations ranging from 3 people to 500 person occupancy.

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## Five models are available with the following capacities:

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Unit	Capacity	Unit Dimension	Septic Tank Capacity	Power Requirement
WTS 500	2 to 3 person	3'4" x 7'6" x 7'2" high	1,000 liter	110 or 220 VAC
WTS 600	3 to 5 person	3'4" x 7'6" x 7'2" high	1,200 liter	110 or 220 VAC
WTS 1000	5 to 6 person	4' x 7'6" x 7'2" high	2,000 liter	110 or 220 VAC
WTS 5000	18 to 20 person	20' ISO container	10,000 liter	110 or 220 VAC
WTS 10000	35 to 40 person	40' ISO container	20,000 liter	110 or 220 VAC

All capacity calculations are based on 200 liter per day/per person water use

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## CONVENIENCE:

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The entire wastewater technology is developed as a **stand-alone module** that can easily be supplied, rented or leased to any installation site.

The units are factory assembled at the plant location in Sanford (Manitoba) and are delivered to any installation site in a **ready-to operate condition**.

No requirement for the installation of underground septic tanks – no blasting, no excavation and only minor surface earthwork and grading is required.

Treatment results of the integrated wastewater treatment system depend on the incoming sewage quality.

On average, the treatment should result in the following discharge quality:

BOD	below 10 mg/l
TSS	below 10 mg/l
Coliform	99% removal of fecal coliform

The technology was granted variances by several Provincial Governments in Canada to allow for a more streamlined application and installation process.

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## TECHNOLOGY:

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In 2003, the technology was first introduced into the western Canadian oil field servicing industry.

Presently the Alberta based associated leasing company has on average 100 treatment units under lease to numerous companies in the oil and gas exploration, forestry and mining business.

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## CONTACT:

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### DESIGN, MANUFACTURING, LEASING & SALES:

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