

GR8 Water Inc.

PACKAGED WATER & WASTEWATER SYSTEMS

PACKAGED PLANTS • INDUSTRIAL/MUNICIPAL • WATER REUSE • TOILET TO TAP
PRE-ENGINEERED • CUSTOMIZED • SCALABLE

GR8 Water Inc. Pre-engineered Packages Treatment Plant (the SIMPOD) is a new and unique solution to an age old problem. The system treats drinking water and /or wastewater produced by sewage works or industrial manufacturing processes. GR8 Water Inc. has taken the solution of water/wastewater treatment to a new level of simplicity, cost effectiveness and performance. The SIMPOD uses only physical chemical processes to remove and separate organic solids. Through this process, a high quality, reusable water is produced, to specifications set by each customer. The pre-engineered system is designed into a contained package that is delivered, worldwide, for quick and easy 'plug and play' installation.



POWERED BY:

GR8 Water Inc.



ABOUT THE SIMPOD

- ✓ **CUSTOMIZED SOLUTION** housed in standard 20' or 40' ocean freight containers
- ✓ **DESIGNED LAYOUT** of size and floor plan, per each specific module
- ✓ **INTERCONNECTION** and combined possibilities of every module
- ✓ **COLOUR COORDINATION** to match existing client facilities
- ✓ **HVAC SERVICES** enable operation in the most rigid or tropical climates
- ✓ **PRE-WIRED** to meet electrical specifications for the receiving country/location
- ✓ **CE, CSA OR UL** approved components
- ✓ **PLUMBING CONNECTIONS** in place for incoming effluent, drains and clean water discharge

THE GR8 Water Inc. DIFFERENCE

OUR PATENTED AND PROPRIETARY PROCESS RELIES ON PHYSICAL-CHEMICAL PROCESSES RATHER THAN BIOLOGICAL,
such as MBR'S, RBC'S, etc.

THE SIMPOD DOES NOT DEPEND ON THE CULTIVATION OF BACTERIA TO BREAK DOWN ORGANIC MATTER THEREBY MINIMIZING:

- COSTLY DISPOSITION OF LIQUID SLUDGE
- OPERATOR SKILL REQUIREMENTS
- RISKS OF TEMPERATURE EXTREMES
- INFLUENT CHEMISTRY OR LOAD VARIATIONS
- MECHANICAL FAILURES
- SPECIALIZED MAINTENANCE ROUTINES
- PLANT DOWN TIME DUE TO FAILURES OR RELOCATION
- UNDESIRABLE BY-PRODUCTS SUCH AS GREENHOUSE GASES

THE GR8 Water Inc. APPLICATIONS

THE SOLUTION WHERE INFRASTRUCTURE DOES NOT EXIST



Remote mining, construction and military camps



Food processing companies



Remote hotels/ resorts, hospitals, colleges, where on site water treatment is required



Industrial/ commercial complexes

THE SIMPOD FEATURES & BENEFITS

PRE-ENGINEERED PLANTS

These plants bring production line efficiencies and quality control into the fabrication of wastewater plants and therefore major overhead costs associated with customized engineering services on conventional plants are reduced.

SHORTENED TIME TABLE FROM START TO FINISH

Times are significantly shortened compared to conventional design processes allowing for expedited delivery of customized solutions.

MODULAR AND SCALABLE

Wastewater plant solutions can be sized appropriately for each and every customer application.

EASY MAINTENANCE

The physical chemical processes that the plant relies on are easier to maintain and less sensitive to upsets than biological-based treatments used in MBR's, RBC's, etc.

FASTER RECOVERY FROM UPSETS, EASY START UP

Footprints are smaller and recovery from upset is measured in hours instead of weeks, providing a more reliable service. A 'plug and play' system.

STANDARDIZED COMPONENTS

With these treatment components the SIMPOD plant can readily be adapted for a variant of industrial effluents or different quality discharge limits for BOD5 and TSS.

VARIETY OF SOURCES FOR ELECTRICAL POWER

Plants can be supported by a variety of electrical power inputs including the grid, diesel generation or solar power in remote areas.

DRINKING WATER TREATMENT

The SIMPOD plant format is fully applicable to drinking water treatment solutions.

WHY BUY A **SIMPOD?**



- ROBUST
- SCALABLE
- LOW ENERGY REQUIREMENTS
- NON-BIOLOGICAL
- RELOCATABLE
- A 'GOOD GREEN SOLUTION'



office location

1432-B Skees Rd.
West Palm Beach, FL 33411

telephone

561-841-6024

email

studor@gr8water.net

website

www.gr8water.net