WSSI

Make a Difference for the Future

Wastewater Treatment Plants Phosphorus Harvesting and Removal

Phosphorus Pollution Problem

- Just 1 g of phosphorus promotes the growth of 100 g algae which deplete oxygen and damage water resources
- P concentration as low as 0.1-0.2 mg/L can trigger excessive aquatic growth and harmful algae blooms
- Wastewater Treatment Plants effluents have P concentrations as high as 10 mg/L (average).

An Innovative, Patented Solution for Wastewater Treatment Plants Phosphorus Harvesting, Removal and Recycling

- WSSI Ltd. has developed an affordable and efficient product (**PR-G-1005**) for phosphorus harvesting, removal and recycling from commercial and municipal Wastewater treatment systems.
- **PR-G-1005** is a passive filter system housed in a two compartments tank, filled with PhosphoReduc phosphorus reducing media, rich in iron (Fe) and calcium (Ca) oxides and a Phosphoreduc pH reducing media.

PhosphoReduc™ media

Taiwan

Brazil

Brazil

Treatment Efficiency

- Up to 95% Phosphorus removal
- Up to 90% Pathogens removal
- Up to 90% Solids removal

Benefits to Environment

- No energy requirements
- Small footprint
- Life span 20 years
- Minimal land disturbance

Minimal O & M

- Please see our additional information on operation and maintenance.

For more information please view our website www.phosphoreduc.com or contact Aleksandra Drizo, WSSI CEO, E-mail: adrizo@phosphoreduc.com or Tel: 514-823-9593.