

Phyto-Cell™

A Plant-Based Sustainable Approach to Industrial Wastewater Disposal

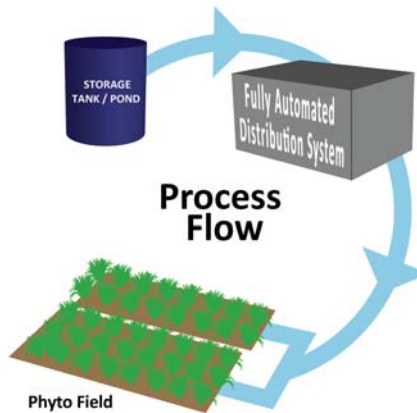
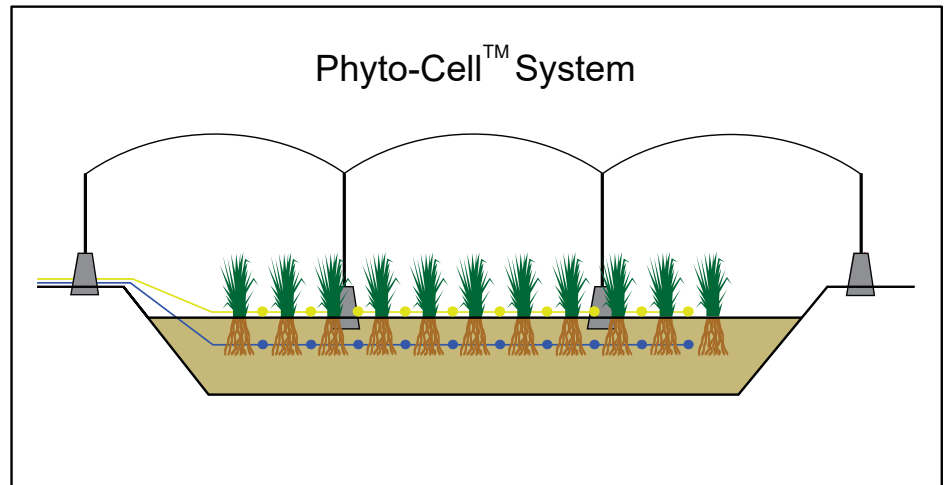
Phyto-Cell technology provides an off-footprint, lined phyto-utilization system by using fast-growing and non-invasive plants to CONSUME industrial wastewater and landfill leachate to greatly reduce or eliminate the need for other disposal methods in a GREEN and sustainable way.

HOW IT WORKS

Our phyto-cell systems typically use liquid waste to irrigate vetiver grass or other specially selected plants located within a lined cell structure. The liquid component is utilized as moisture and the contaminants act as micro and macro nutrients, fueling fast growth.

Our systems are engineered for site-specific conditions and include a fully automated control and distribution system that pumps the liquid from a pond or tank and irrigates the contained plants. Options for the system include:

- Surface / Subsurface distribution
- Soil growth media
- Liner system
- Rain diversion structure
- Freeboard / sump options



The phyto-cell system can benefit your operation in multiple ways, including:

- Reduce your carbon footprint
- Create habitat for wildlife
- Improve aesthetics of your facility
- Provide excellent public relations opportunities
- Significantly reduce costs and corporate environmental liability



"Pollution is just a resource out of place."

LOW to NO-COST Installation Options Available. Low Cost Per Gallon.

Clear Creek Environmental Solutions is a consulting and engineering firm dedicated to finding the most effective and innovative solutions for industrial wastewater management and site remediation. We specialize in Natural Systems including Phyto-Utilization™, Phyto-Cell™, WAIV™, and constructed wetlands. Visit our website and contact us today to see how we can improve your facility operations.