



Providing Treatment Solutions for Air, Water, & Land

www.TheiaLLC.com

(888)330-2260

Stormwater Treatment Solutions



Theia Water offers innovative solutions for water and wastewater treatment that are designed for the site and the customer.

We engineer a solution for the site by working with you and with your site, utilizing what is already there when possible to reduce capital costs.

Stormwater Treatment requires solutions that are simple, effective, and can handle often large flow rates.

Cronus Tanks: for Storage, Settling and treatment - Underground Theia offers high strength corrosion resistant storage and treatment tanks and systems that can be directly buried under parking lots or storage areas. This is a space saving design that allows flow to the tanks to be accomplished via gravity. Access to the tanks is from grade with increases safety. Tanks are made from high strength Polyethylene designed for 75 year life.

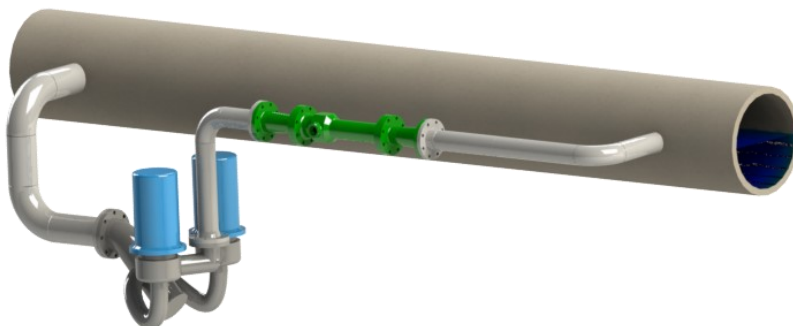


Aeration and Conditioning: Theia's Oxygenation system will eliminate sulfides and prevent them from forming. The system will strip Carbon Dioxide and Oxygenate the water. The system provides a high level of mixing which allows for the addition of chemistry including Theia's unique pH adjustment system. If the stormwater contains any wastewater or organic compounds, BioAugmentation can be added to break down BOD, COD, and individual components like oil and grease.





Treat it in the Pipe



For high flow rates where storage is not an option, Theia offers an inline treatment system that aerates, oxidizes and can neutralize the water. Additionally metals and nutrients can be precipitated at very low costs with a natural additive. Polymers can be mixed into the water to allow for settling or filtration

The entire system can be below grade and is designed to work on high or low velocity gravity flows like Stormwater. The design allows for preconditioning of the high flows or water without large infrastructure like mixing and reaction tanks.

Some Other Treatment Options:

Oil/Grease: Theia's High Strength Tanks come with optional settling as well as plate packs for oil and grease separation.

DAF: Theia offers a simple inexpensive DAF system that utilizes the Oxygenator design so oxidation and aeration are also included. This is a great way to enhance settling or floating of oil and grease.

Icarus: Theia's Icarus media can easily and inexpensively increase the pH for large volumes of water. The media can also be used to remove heavy metals as well as phosphorus. The media also adds alkalinity which is helpful if further treatment is necessary.

BioAugmentation: Theia is proud to partner with Biocleaner biological systems. These unique systems provide sufficient bacteria to break down BOD, COD, as well as specific contaminants such as oil and grease or petroleum products. These unique bacteria can function without the presence of floating packing or sludge in the tank. Unlike dry bacteria, you never run out and never have to add them, for at least 10 years.

For more Solutions, please go to our newly redesigned Website www.TheiaLLC.com

