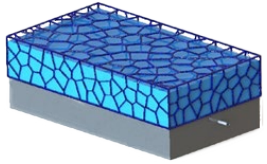




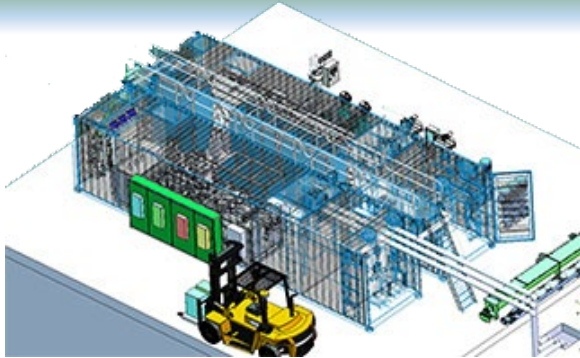
Flo-Clear Water Systems Inc.

Company Introduction

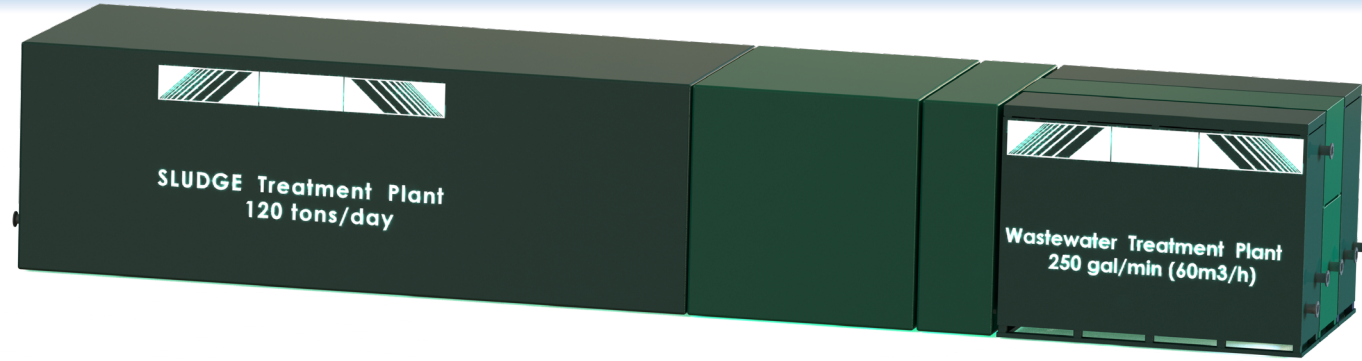
THE TOTAL SOLUTION IN WASTEWATER / SLUDGE TREATMENT



1-st WWT Mobile Plant -
capacity of 50 gal/min



WWTP-050
capacity of 200 gal/min



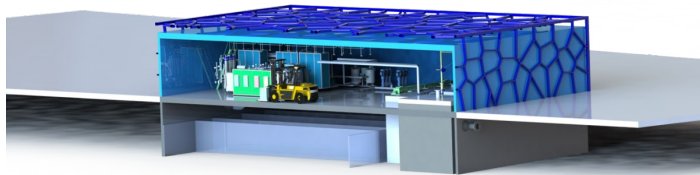
WWTP-060PS
wastewater treatment = 250 gal/min
sludge treatment = 120 tons/day

2006

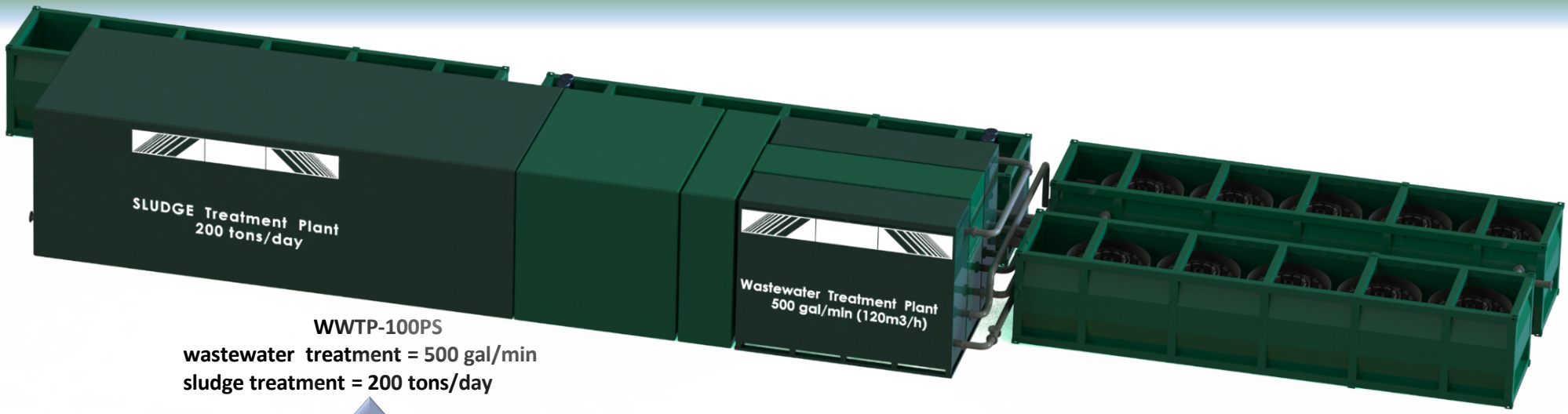


WWTP-020
capacity of 100 gal/min

WWTP-030PS
capacity of 150 gal/min



Milestones by 2023... and beyond



WWTP-100PS
wastewater treatment = 500 gal/min
sludge treatment = 200 tons/day

2020



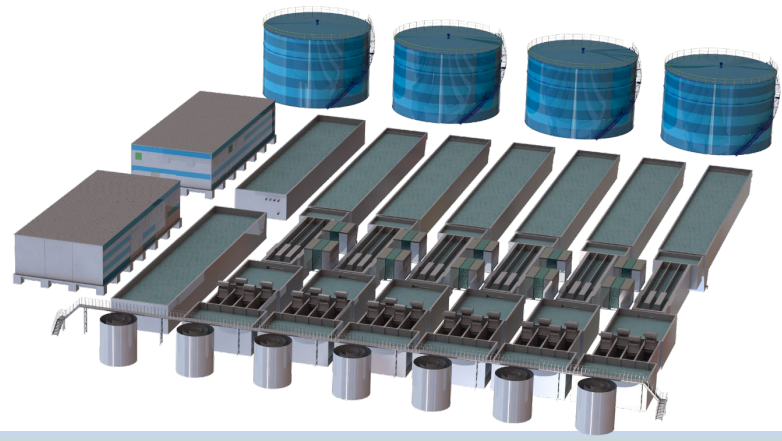
2021

2023

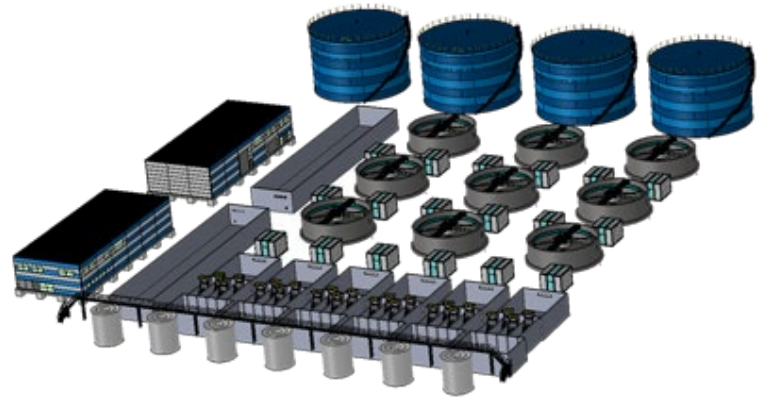
2024

2025

WWTP-100kPS
wastewater treatment = 20,000 gal/min
sludge treatment = 5,000 tons/day

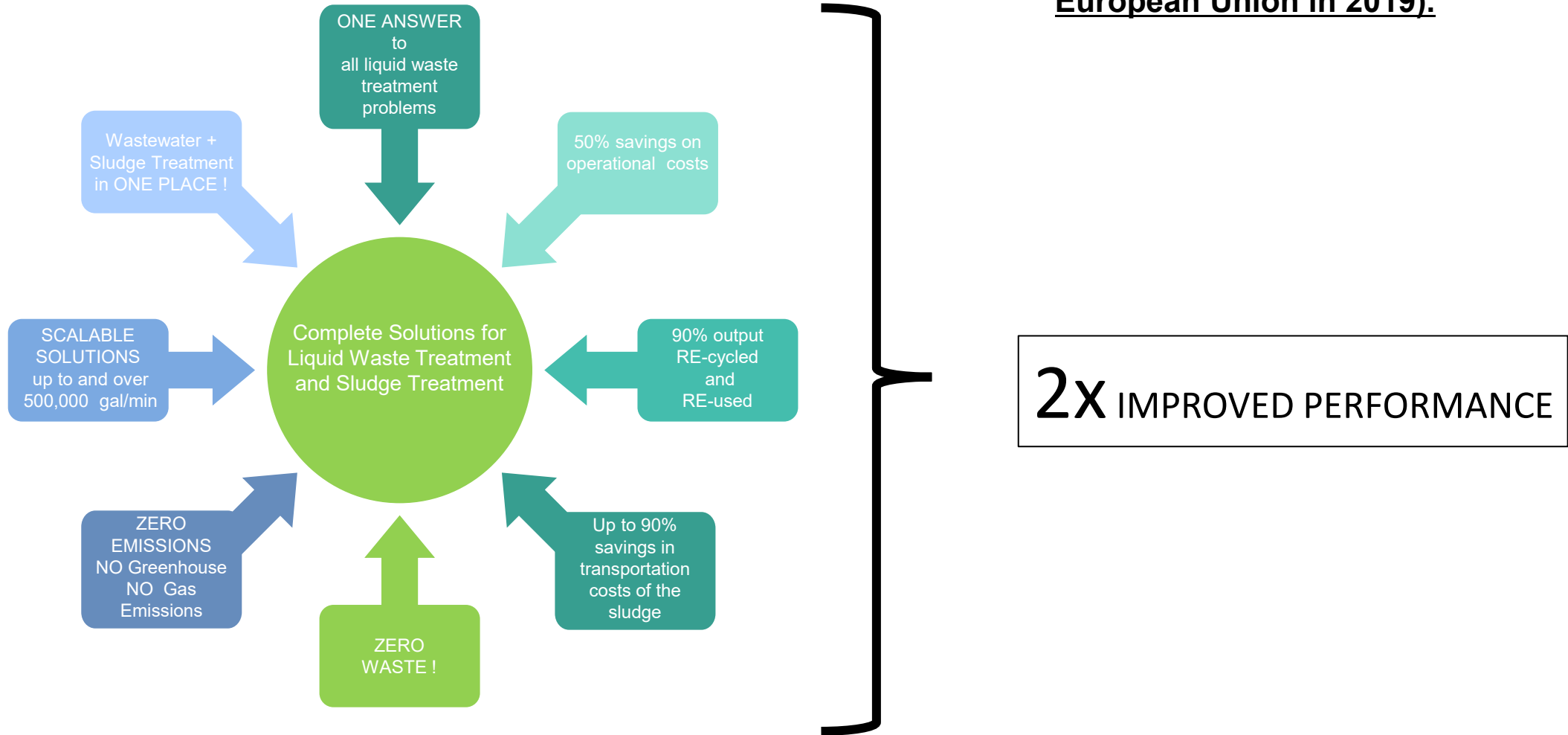


WWTP-150kPS
wastewater treatment = 30,000 gal/min
sludge treatment = 8,000 tons/day

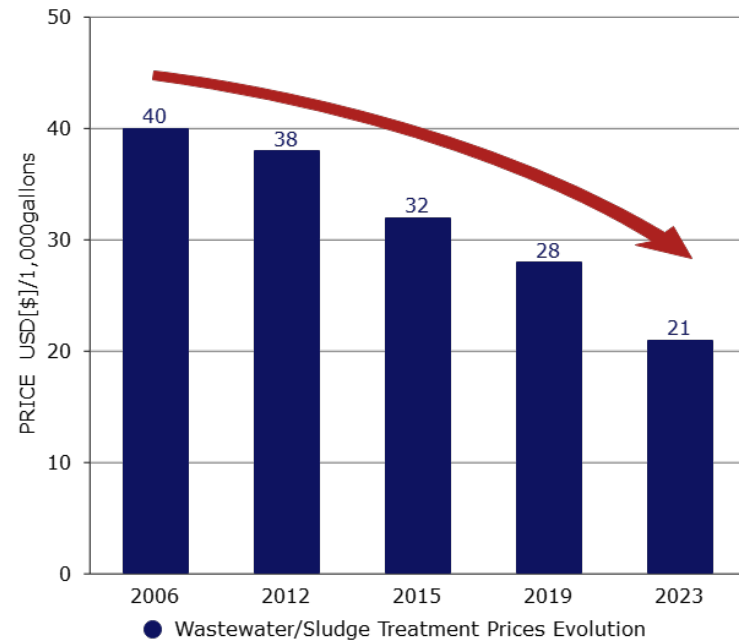


Advantages of our technology

Complete Solutions for Liquid Waste Treatment and Sludge Treatment based on Nano-Technology, Nano-Filtration and Smart materials (technology developed with Granted Funds from European Union in 2019).



Improved Prices 2023 – Flo-Clear Water Systems Inc. For Industrial Wastewater/Sludge Treatment USD[\$]/1,000gallons

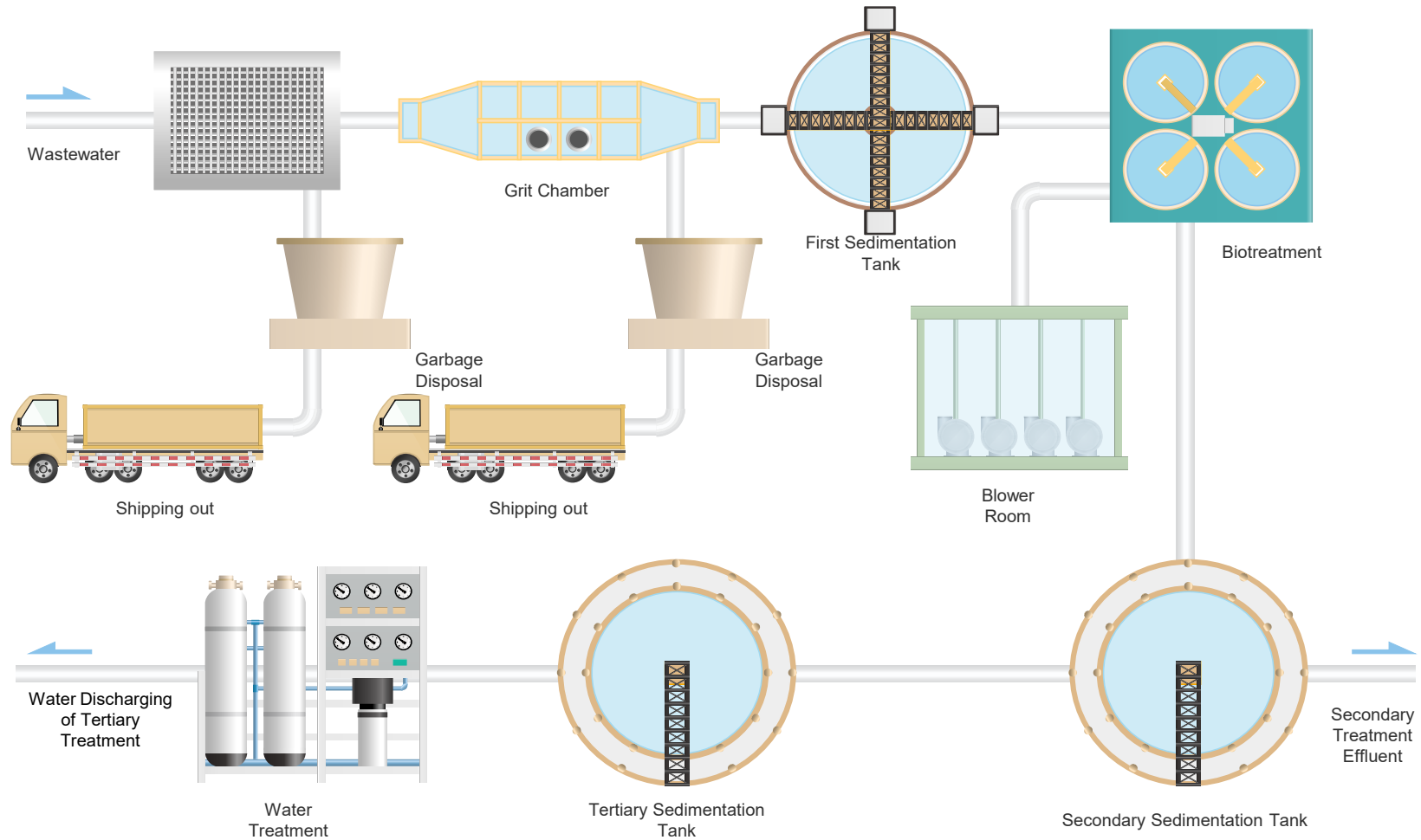


**PROCESSING TIME WITH
THE CLASSIC TECHNOLOGY**

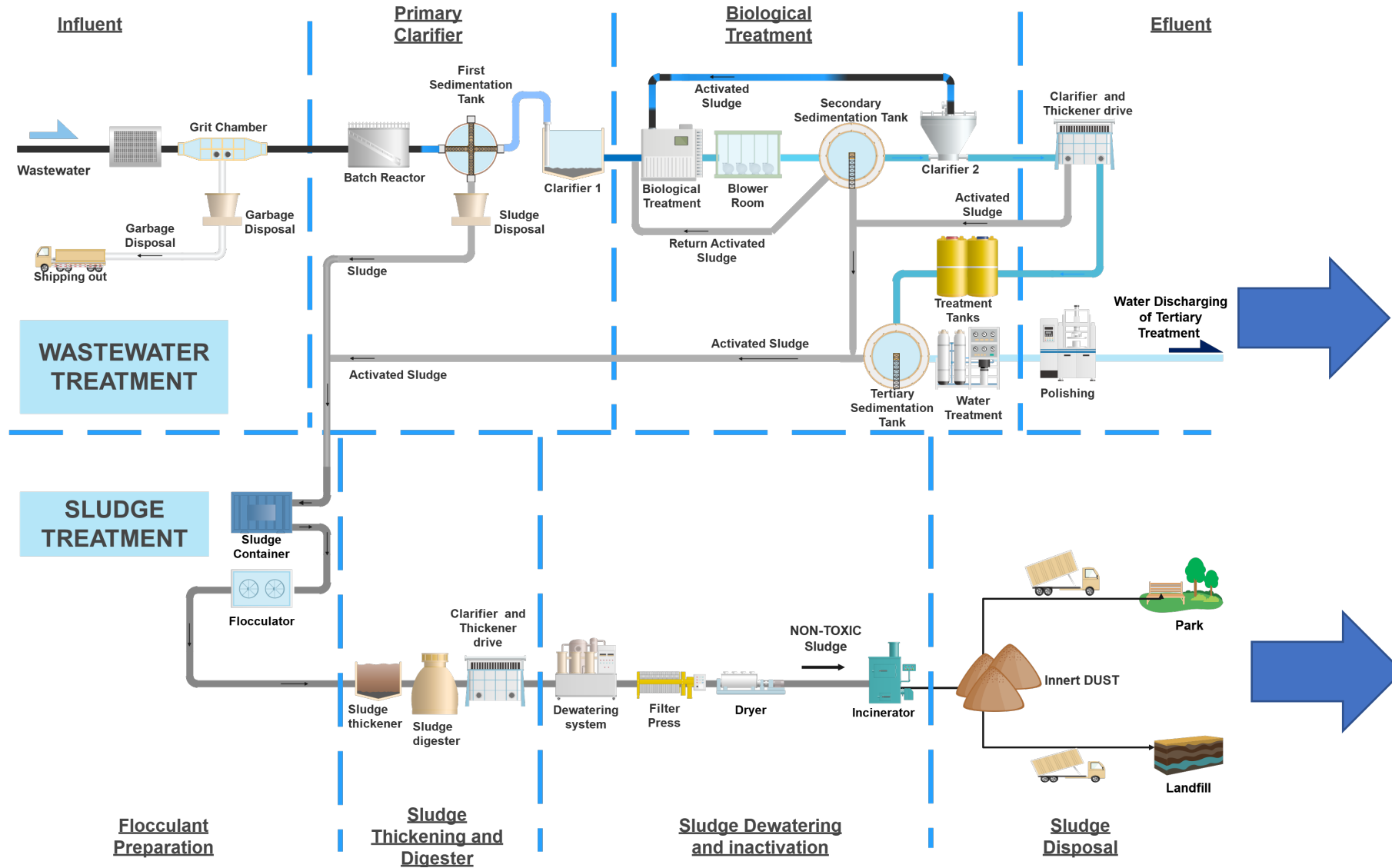


FLO-CLEAR Water Systems Inc.
**SAVING PROCESSING TIME by 50%
WITH THE NEW TECHNOLOGY**

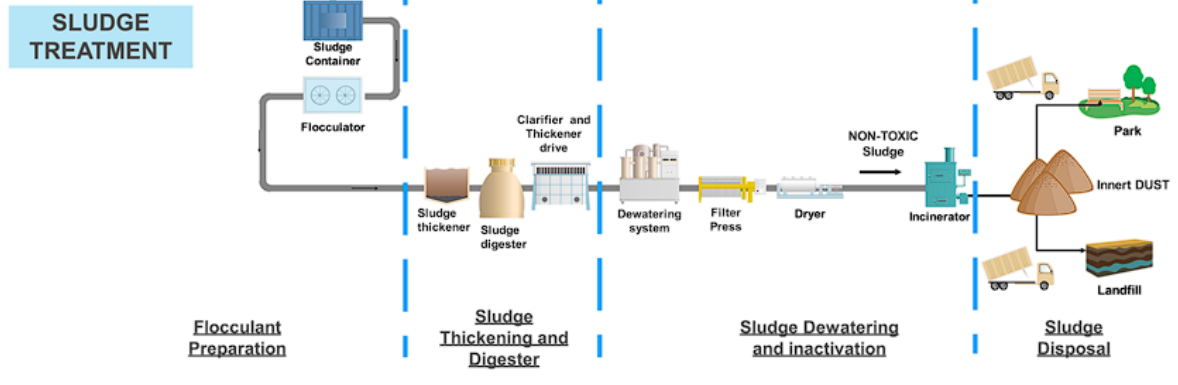
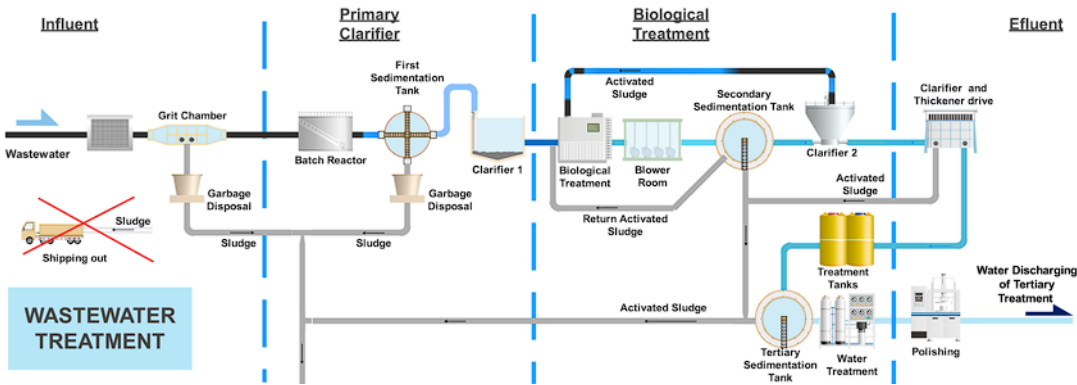
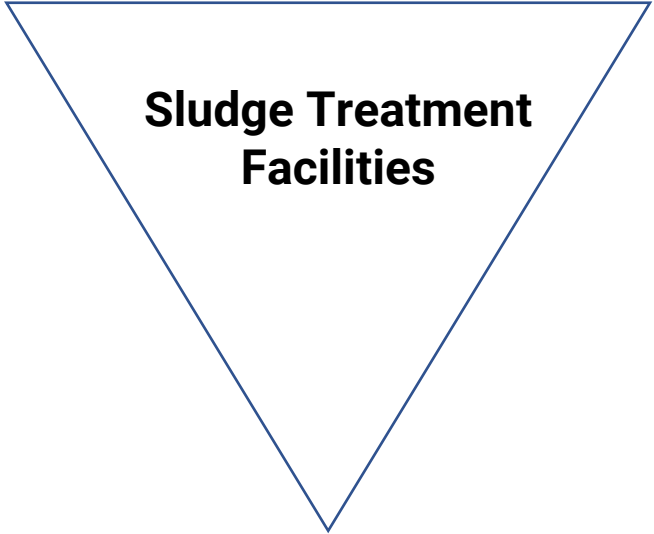
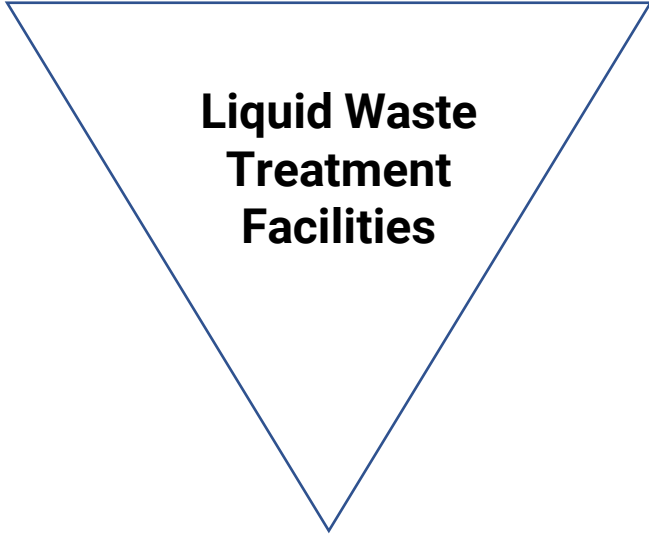
Traditional Wastewater Treatment Process



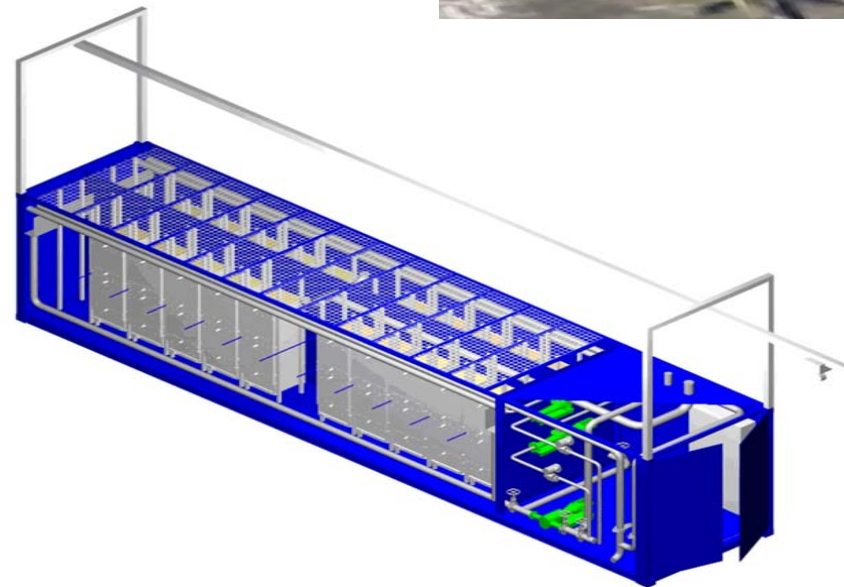
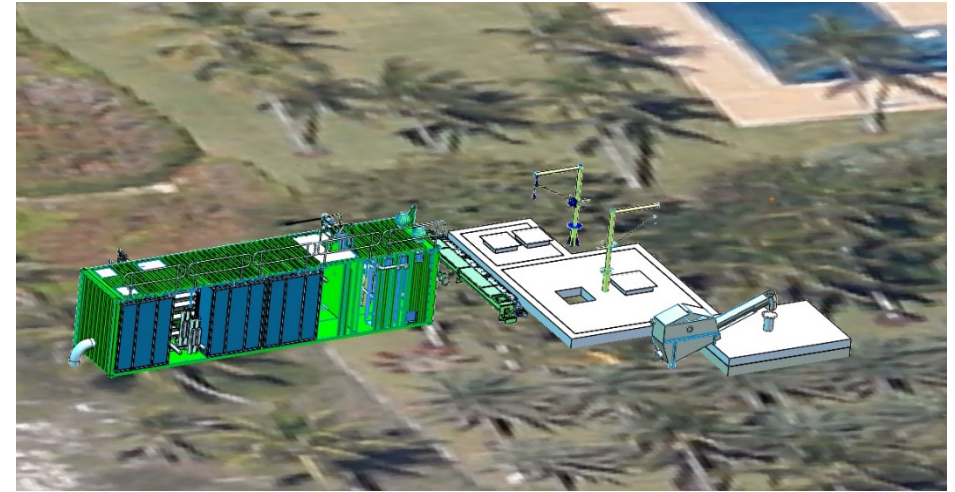
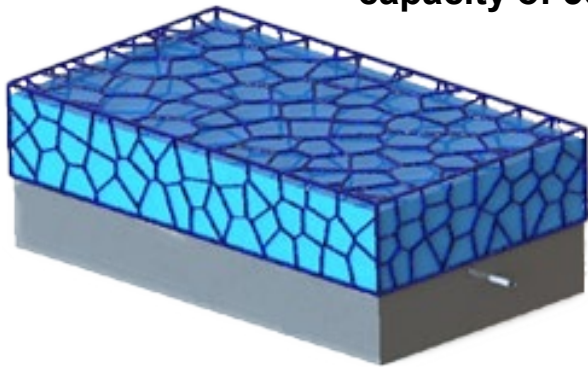
Disruptive Technologies for Wastewater and Sludge Treatment



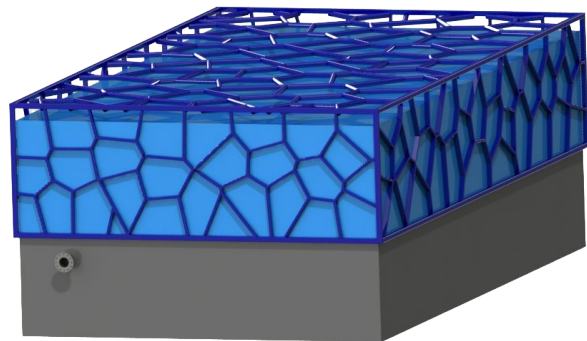
Core technology:



1-st WWT Mobile Plant
capacity of 50 gal/min



WWTP-020
capacity of 100 gal/min



Case Study - SCALABLE TREATMENT PLATFORM

Naples, Florida, U.S.A.
Beach Outfalls

We started in 2005 with small mobile units (10mc/h approx. 50 gal/min) to be able to achieve full scalability in the upcoming years.

Arrangement of the Portable Wastewater Treatment Stations near Naples beach Outfalls

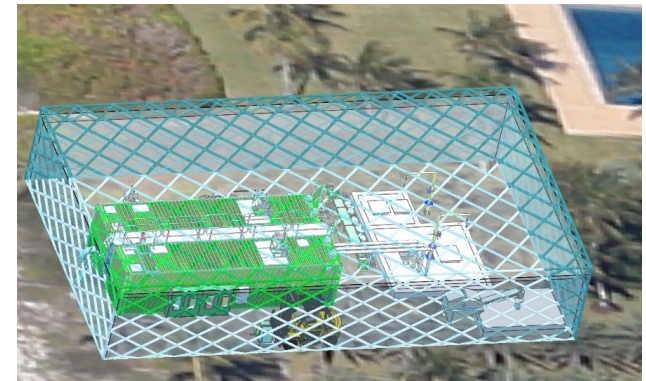
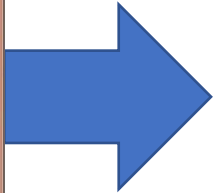
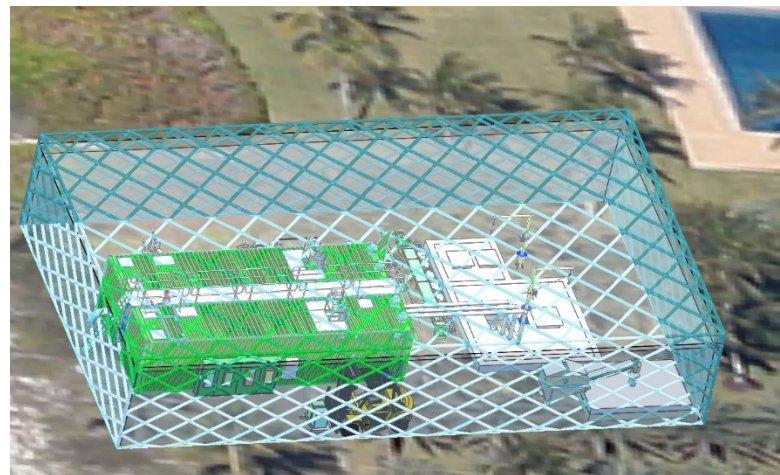
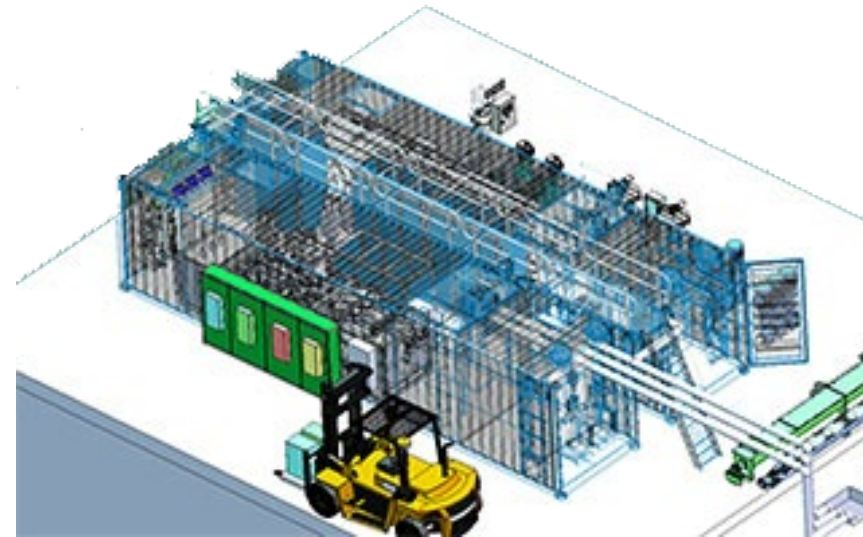
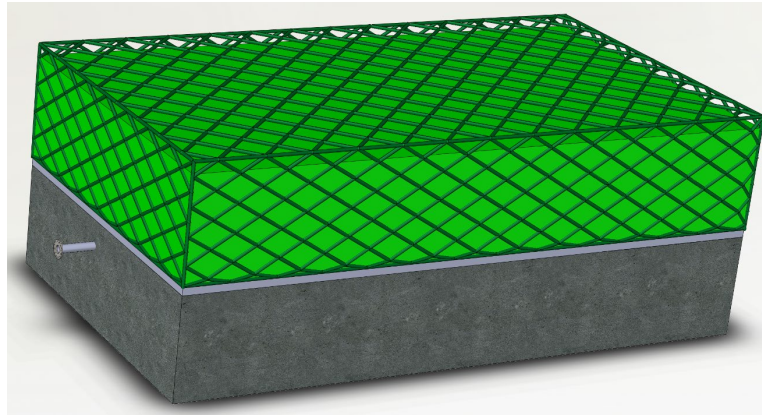


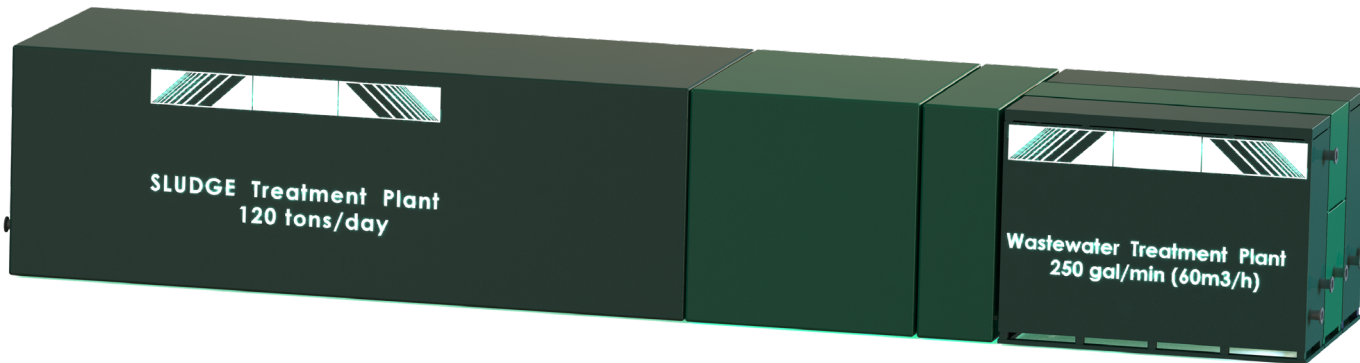
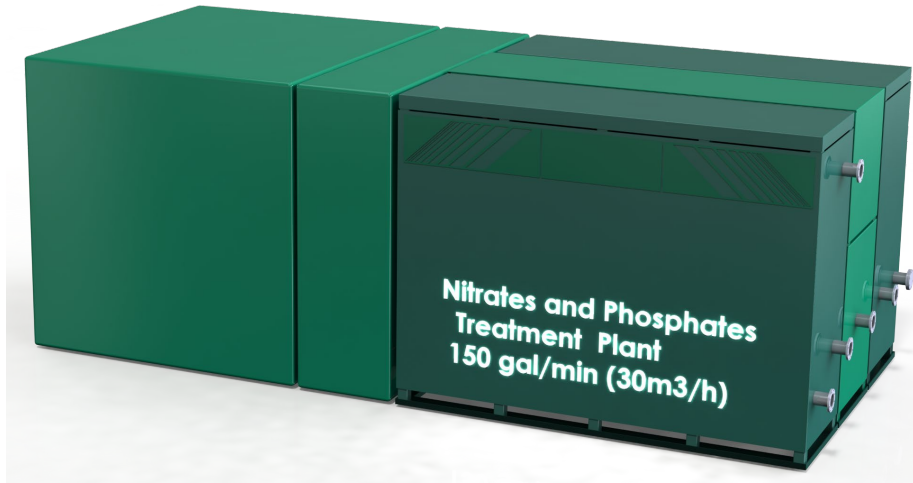
Figure 1-3. Typical Outfall Blockage (Outfall 9)

WWTP-050
capacity of 200 gal/min



WWTP-030PS

capacity of 150 gal/min



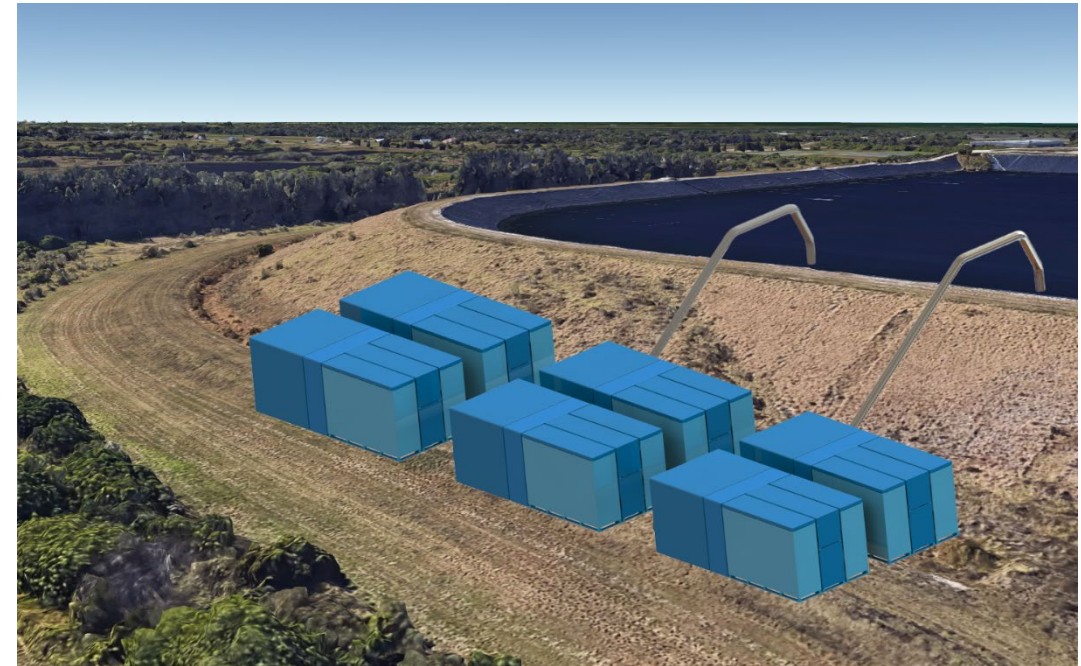
WWTP-060PS

wastewater treatment = 250 gal/min

sludge treatment = 120 tons/day

Concept Design proposal for: Piney Point Reservoir, FL, U.S.A.

- Capacity: 1,200 gal/min
- Built Area= 4,000sqf
- Reference E.U. Project
- Including disruptive technologies



WWTP-060PS

wastewater treatment = 250 gal/min

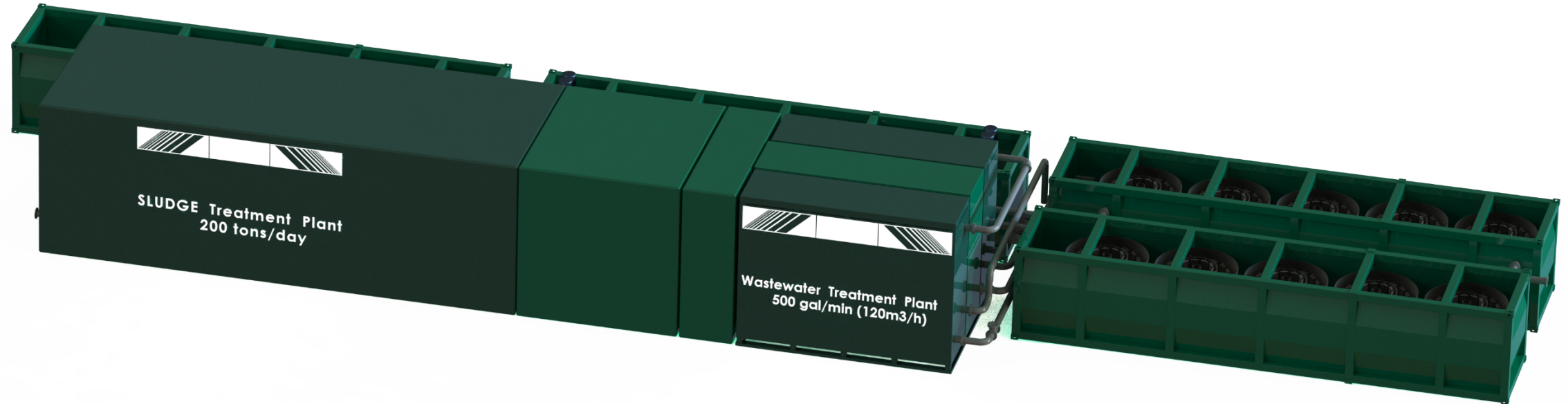
sludge treatment = 120 tons/day



WWTP-100PS

wastewater treatment = 500 gal/min

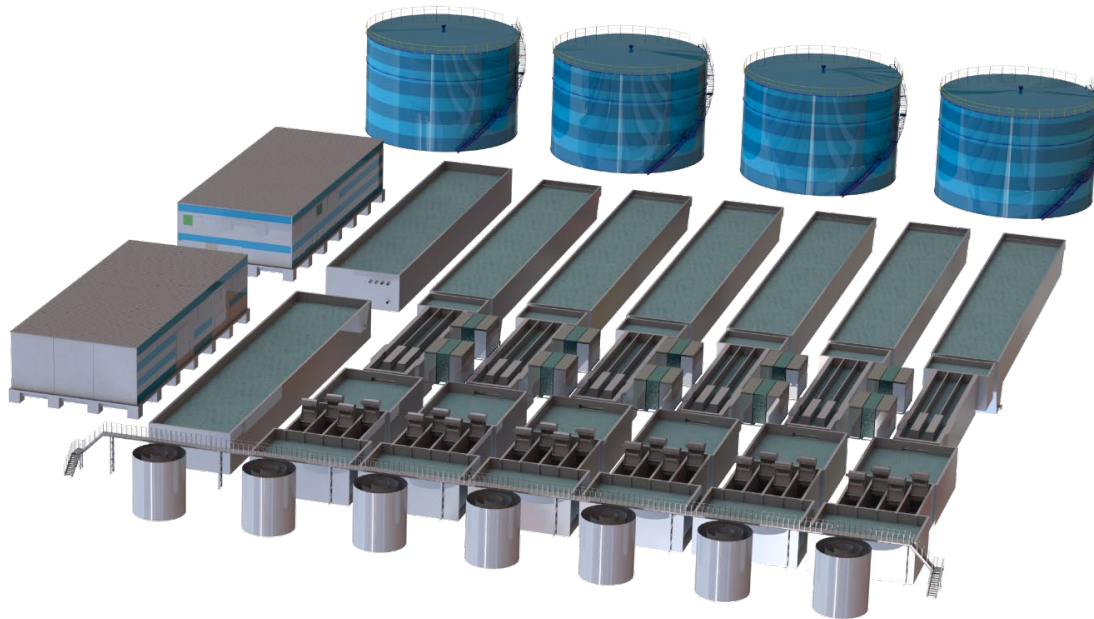
sludge treatment = 200 tons/day



WWTP-100kPS

wastewater treatment = 20,000 gal/min

sludge treatment = 5,000 tons/day



Concept Design proposal for:

Northern Pulp – Nova Scotia - Canada

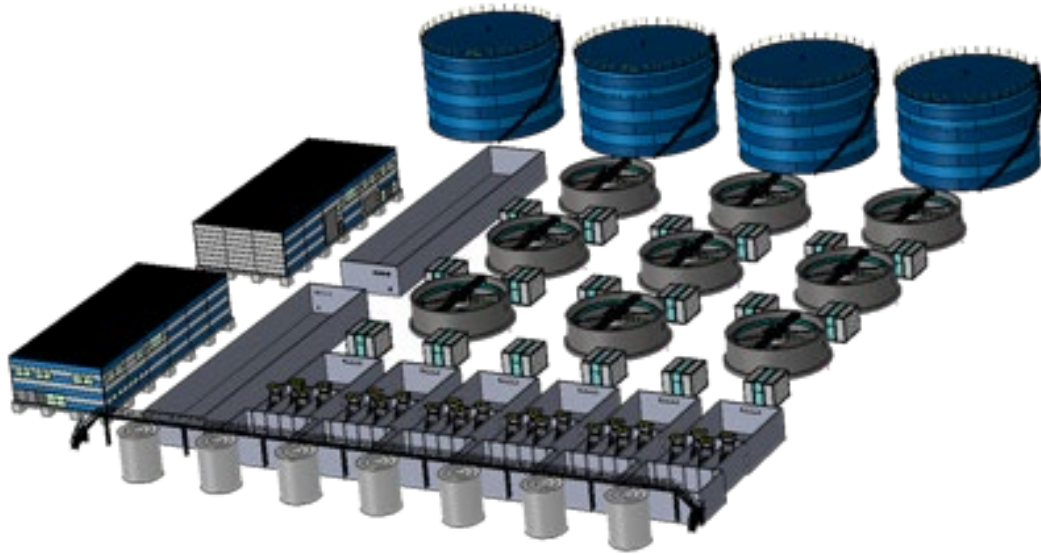
- Capacity: 20,000 gal/min
- Built Area= 300,000sqf
- Reference E.U. Project
- Including disruptive technologies



WWTP-150kPS

wastewater treatment = 30,000 gal/min

sludge treatment = 8,000 tons/day



Concept Design proposal for:

Northern Pulp – Nova Scotia - Canada

- Capacity: 30,000 gal/min
- Built Area= 330,000sqf
- Reference E.U. Project
- Including disruptive technologies

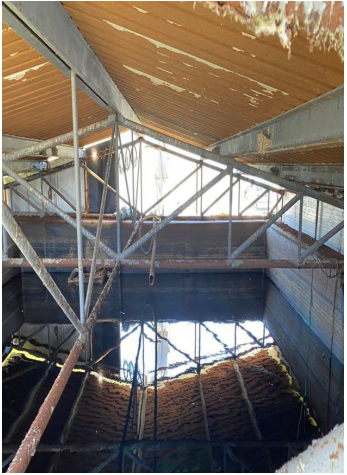


Tests executed at an existing Wastewater Treatment Plant with a Prototype Treatment Station (PWTS-05)

The Wastewater Treatment Plant had a capacity of 150gal/min with a rate of success of **30%** (with No treatment of the sludge).

The liquid waste contained heavy metals and high-risk pollutants coming from different industries. With our technology we were able to reach **100%** cleaning of the wastewater and sludge. Please see below pictures taken during a Test performed with our Treatment Station with a success rate of **100%**.

Raw sewage feed



Plant Effluent



Treated wastewater



Treated sludge



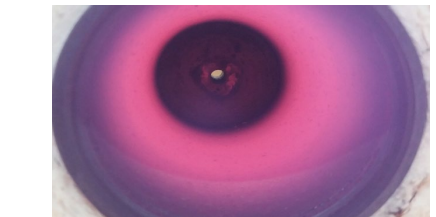
Sludge disposal



**Big Wastewater Treatment Plant
facility near City of Iasi, Romania
Capacity: 150 gal/min**

SLUDGE Treatment: How does it work?

The advanced smart materials used help a lot for the treatment process.
 Only a few simple smart steps are necessary throughout the entire treatment process.



The result it's a powdered mineralized substrate which is non-toxic and safe to be disposed on soil or to be stored as inert material. Substrate is enriched with minerals and organic carbon

Trials (scouting for solutions for different feed streams)

Year 2019, London, Wastewater Plant SW-London / Prototype Capacity= 15 gal/min / Built Area= 86sqf

Schematic representation of the conducted Tests

Prototype Unit - Test 1:

View of Reactor block Mixing tank



5 treatment stages



Raw sewage feed 1



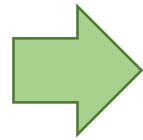
Filtration efficiency including safety factor

Treated wastewater 1



Prototype Unit - Test 2:

View of Reactor block Mixing tank



5 treatment stages



Raw sewage feed 2



Filtration efficiency including safety factor

Treated wastewater 2



Our capabilities

DESIGN & BUILD FACILITIES (standard or customized):

- **Liquid waste treatment categories:**
 - Sewage
 - Industrial & biohazards
 - Electroplating
 - Fracking
 - Leachate
 - Radioactive
- **Wastewater / Sludge treatment, inactivation and disposal**
 - Low cost
 - Fully compliant with Environment Regulations
 - No pollution generated during processing
 - No greenhouse emissions
- **Commissioning**
- **Service 24/7**

INNOVATION AND DEVELOPMENT IN EVERY PROJECT

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