New Water Technology Inc.

Company Introduction

WASTEWATER ---->>>> TAP WATER

THE TOTAL SOLUTION IN WASTEWATER / SLUDGE TREATMENT

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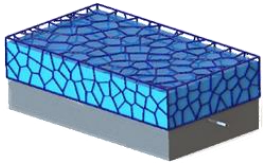
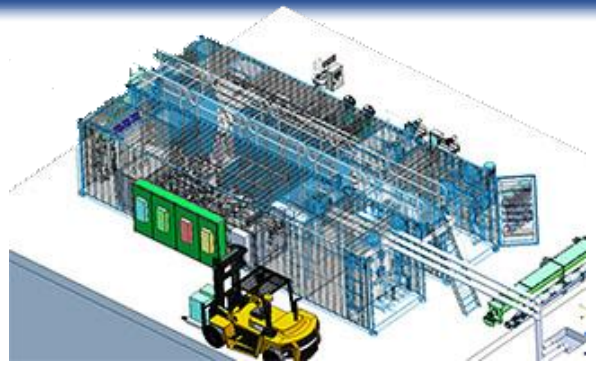
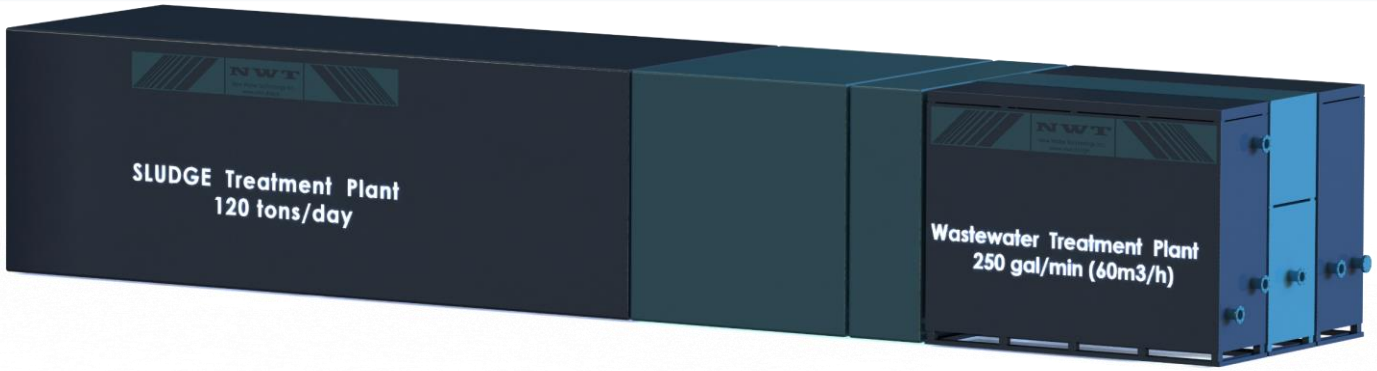


1-st WWT Mobile Plant -capacity of 50 gal/min (12 m^3/h)



WWTP-050
capacity of 200 gal/min (45 m^3/h)

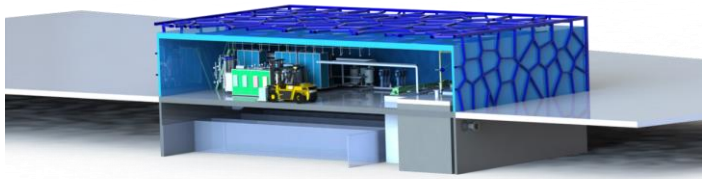


WWTP-060PS wastewater
treatment = 250 gal/min (56 m^3/h)
sludge treatment = 120 tons/day

2006 | 2006 | 2009 | 2016 | 2019 | 2020 | 2021

WWTP-020
capacity of 100 gal/min (22 m^3/h)

WWTP-030PS
capacity of 150 gal/min (34 m^3/h)



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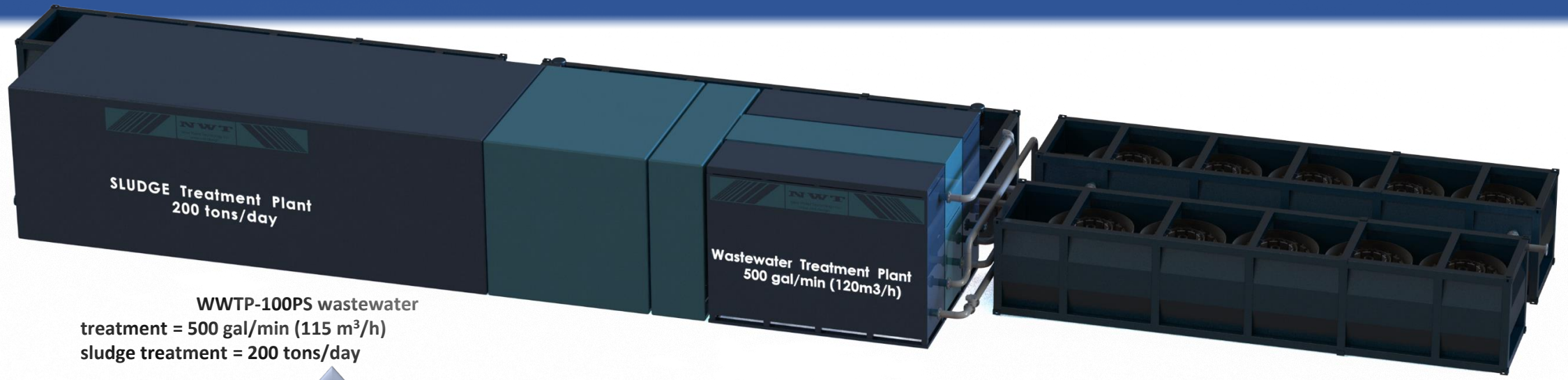
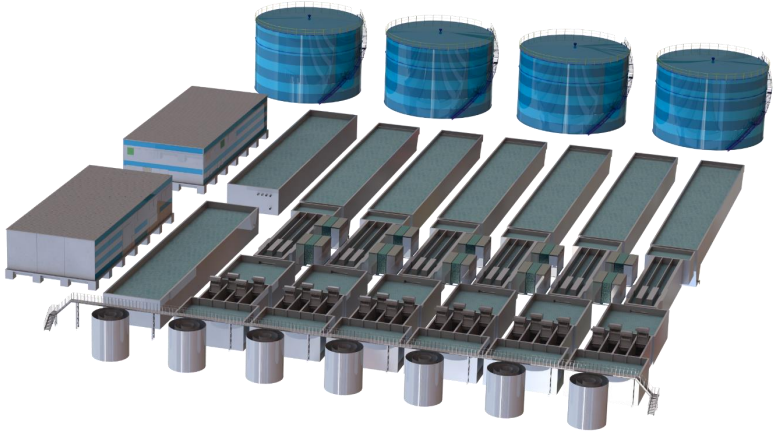
Milestones by 2023… and beyond



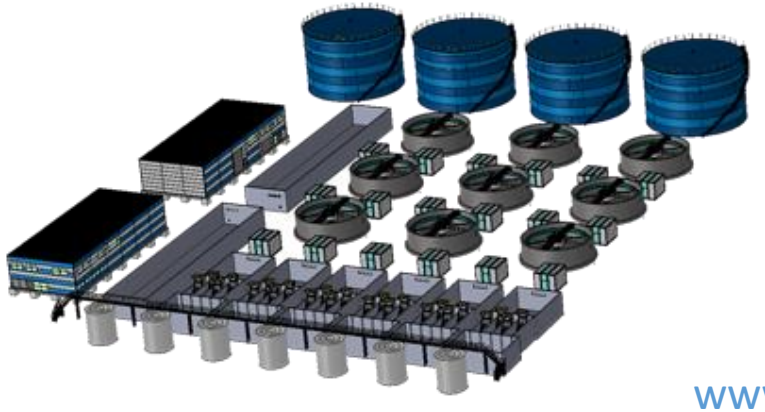
WWTP-100PS wastewater
treatment = 500 gal/min (115 m^3/h)
sludge treatment = 200 tons/day

2020 — 2021 — 2023 — 2024 — 2025

WWTP-100kPS wastewater
treatment = 20,000 gal/min (4,500 m^3/h)
sludge treatment = 5,000 tons/day



WWTP-150kPS wastewater
treatment = 30,000 gal/min (6800 m^3/h)
sludge treatment = 8,000 tons/day



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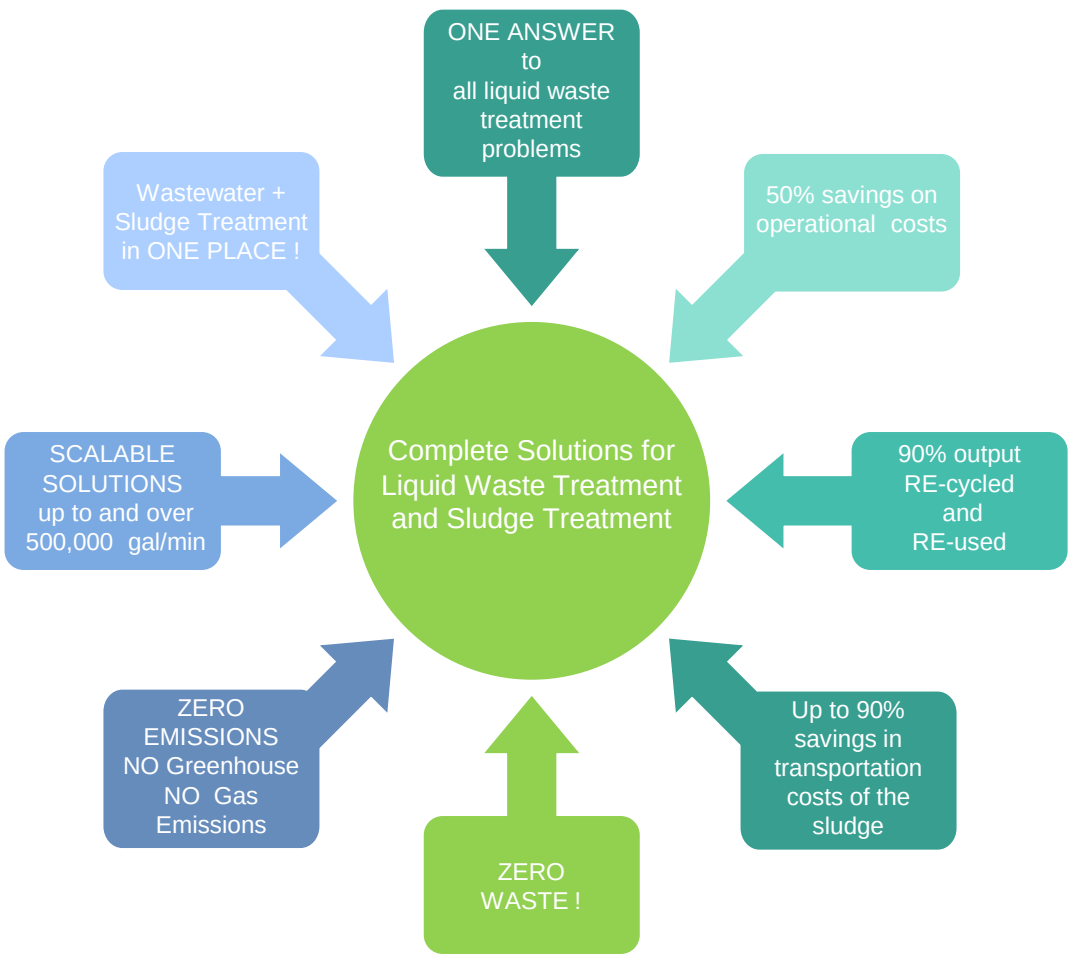
Complete Solutions for Liquid Waste Treatment and Sludge Treatment based on Nano-Technology, Nano Filtration and Smart materials (technology developed with granted funds from European Union in 2019).



20x IMPROVED PERFORMANCE

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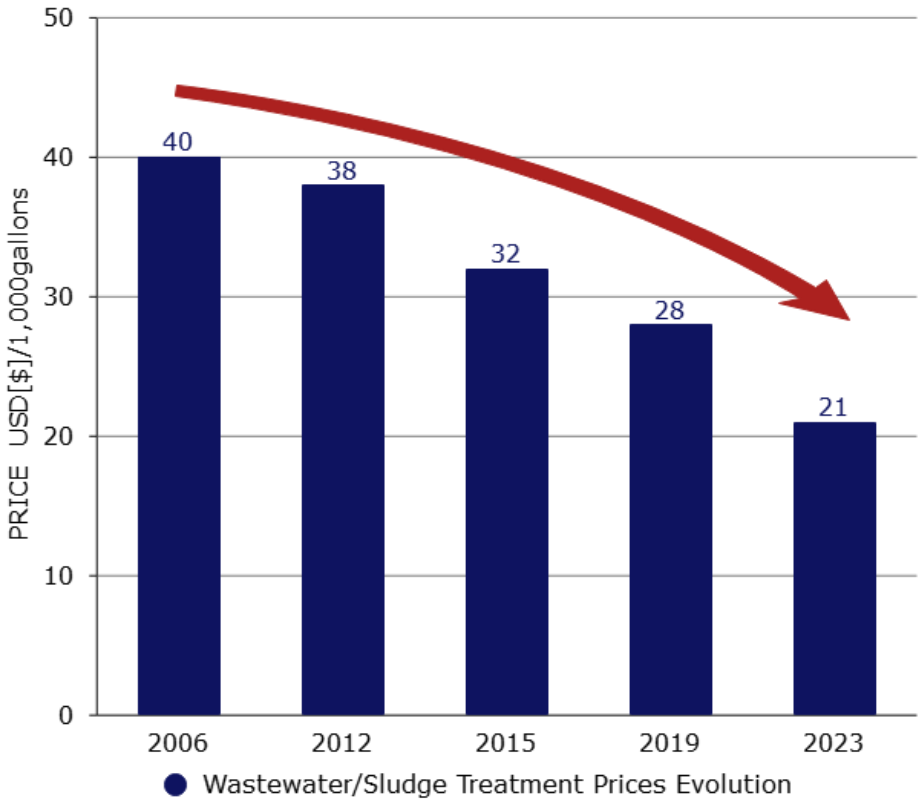
Improved Prices 2023 – New Water Technology Inc.

For Industrial Wastewater/Sludge Treatment

USD[$]/1,000gallons (4m³)



PROCESSING TIME WITH THE CLASSIC TECHNOLOGY

New Water Technology Inc.

SAVING PROCESSING TIME by 95%

WITH THE NEW TECHNOLOGY

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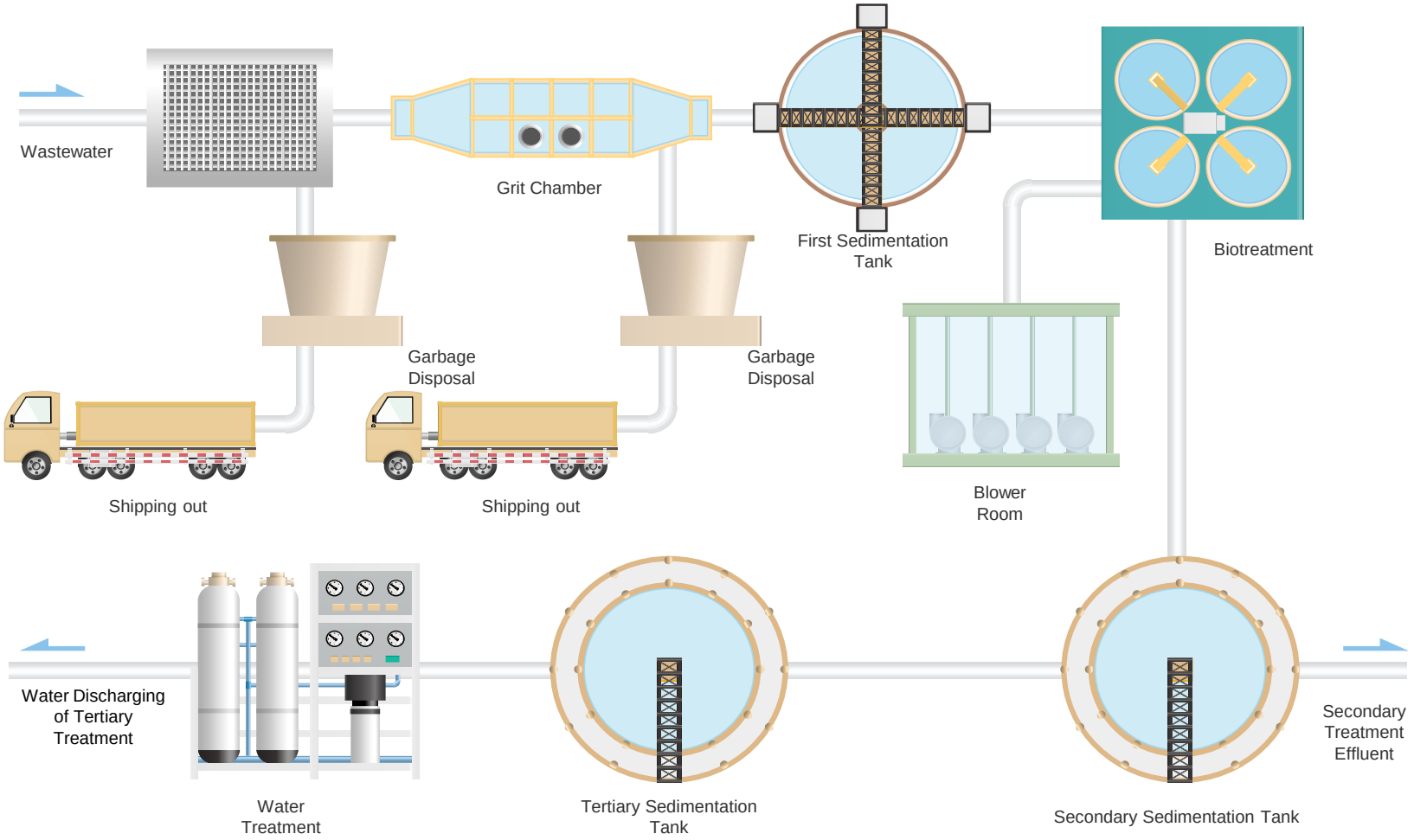
Traditional Wastewater Treatment Process



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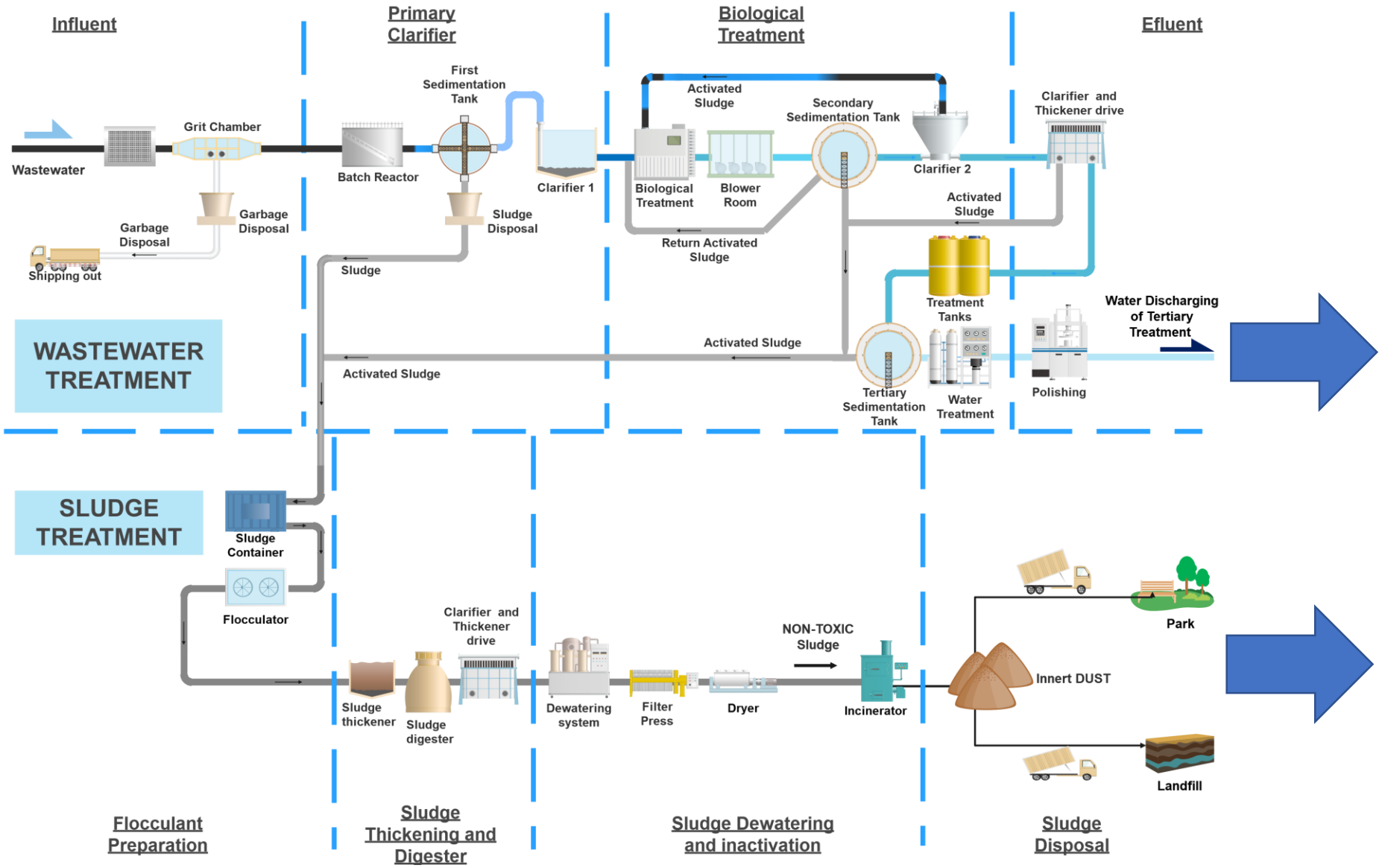
Disruptive Technologies for Wastewater and Sludge Treatment



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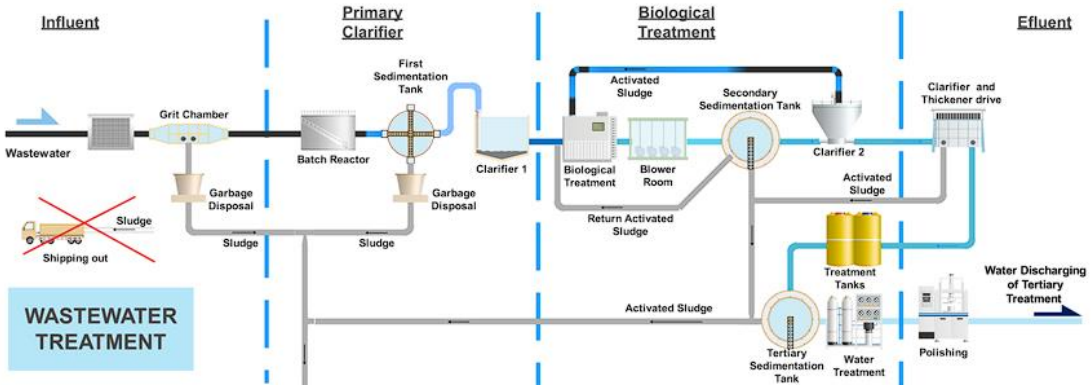
Core technology:

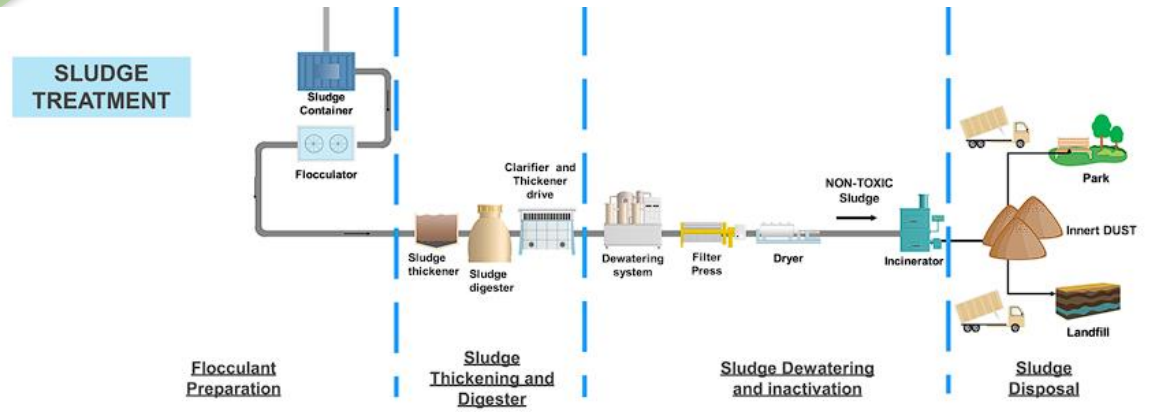
Liquid Waste Treatment Facilities

Disruptive technologies and applied solutions for water and hazardous liquid-waste treatment*

****Patented in E.U., North America and China***

Sludge Treatment Facilities





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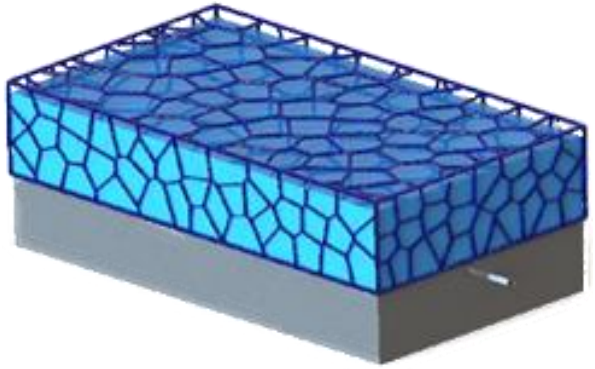
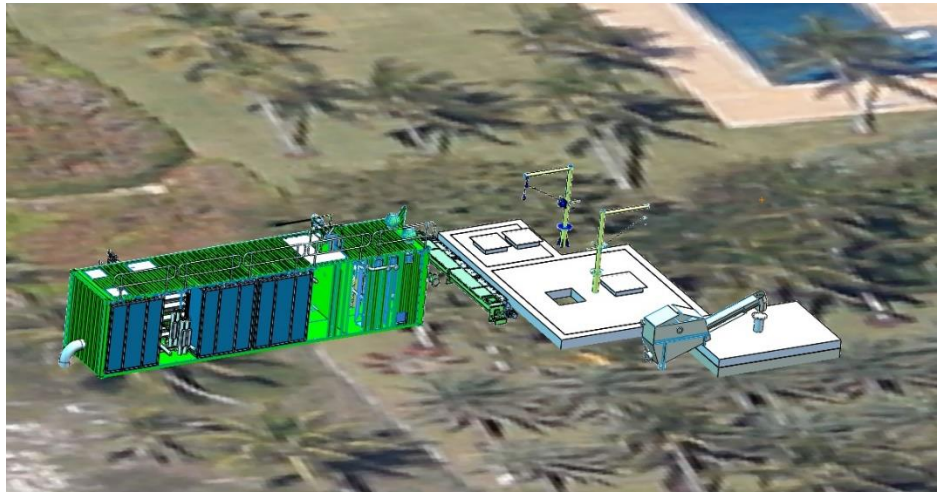
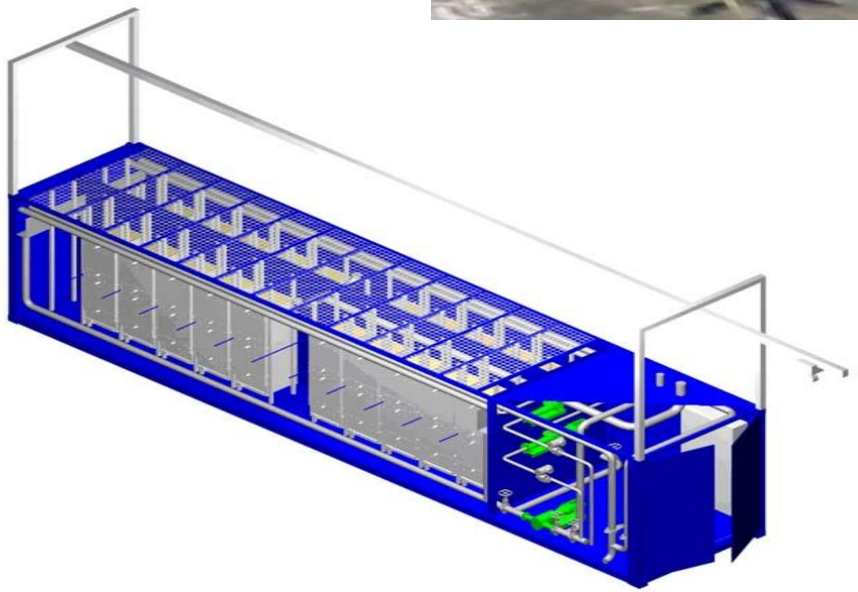
1-st WWT Mobile Plant
capacity of 50 gal/min (12 m³/h)







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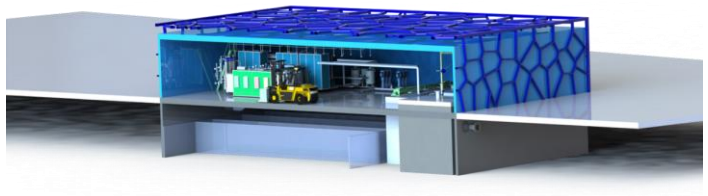
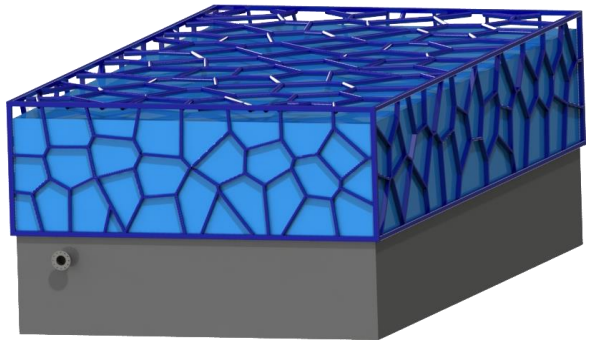
WWTP-020
capacity of 100 gal/min (22 m^3/h)





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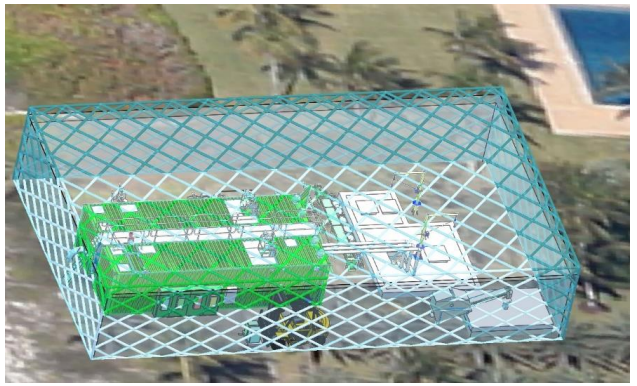
We started in 2005 with small mobile units (12mc/h approx. 50 gal/min) to unlimited possibilities after 2019.

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

We started in 2005 with small mobile units (12mc/h approx. 50 gal/min) be able to achieve full scalability in the upcoming years.

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

Arrangement possibilities of the Portable Wastewater Treatment Stations near Naples beach Outfalls



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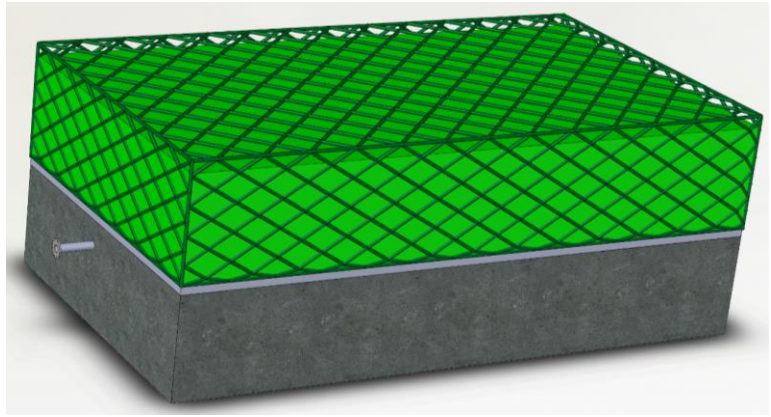
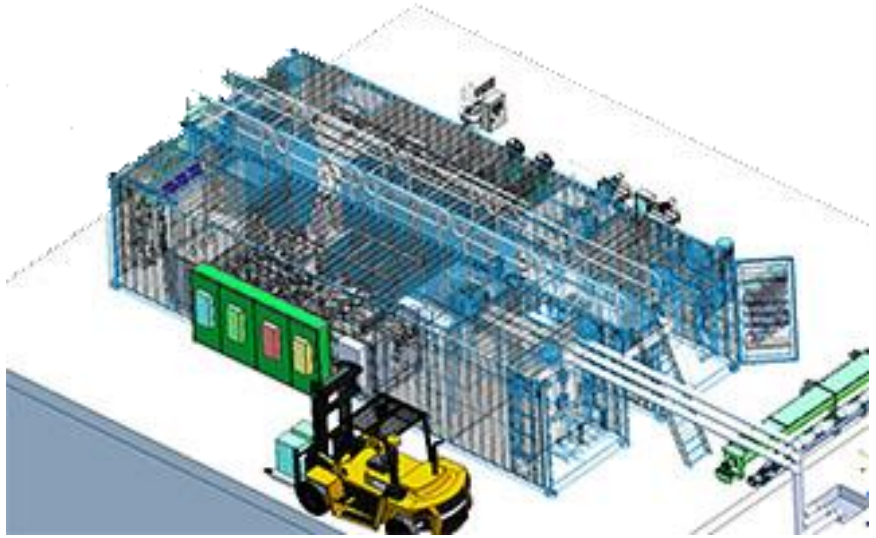
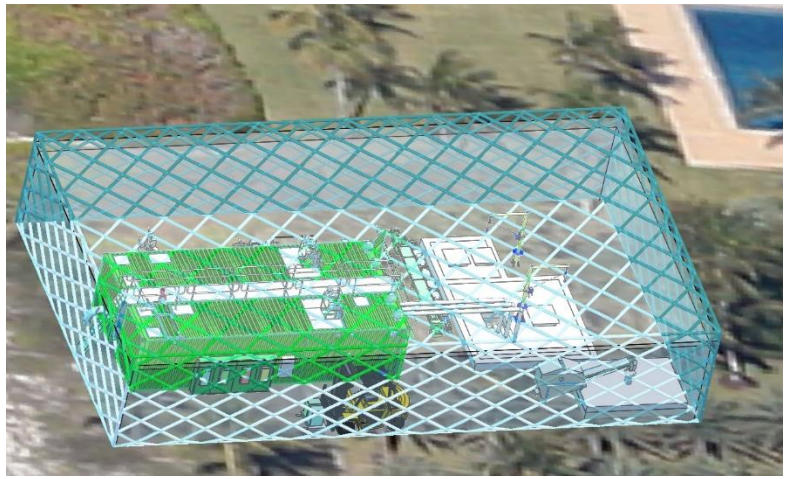
WWTP-050
capacity of 200 gal/min (45 m^3/h)







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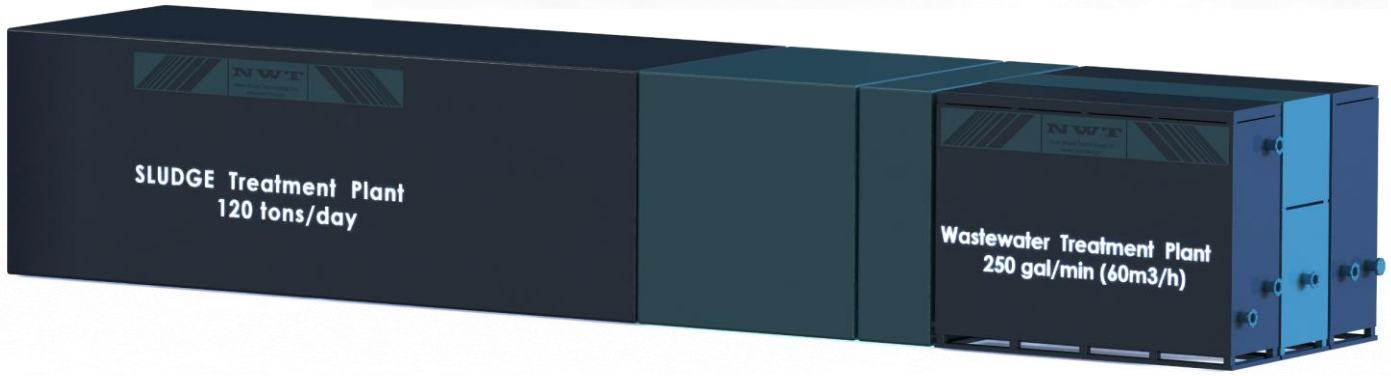
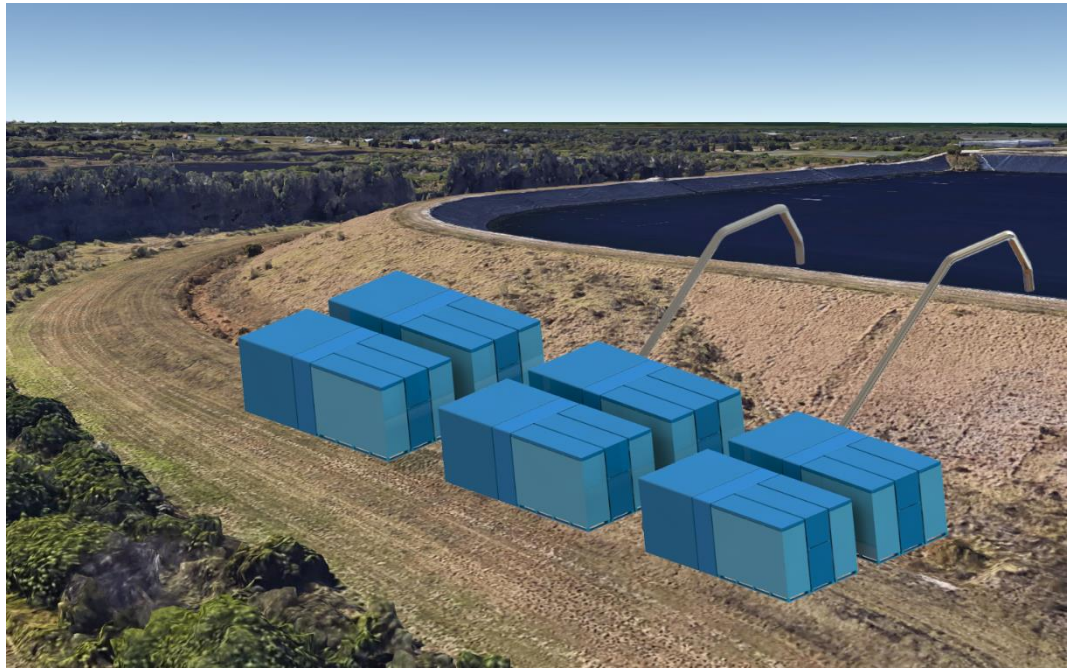
WWTP-030PS
capacity of 150 gal/min (34 m³/h)



WWTP-060PS
wastewater treatment = 250 gal/min (56 m³/h)
sludge treatment = 120 tons/day

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

- **Capacity: 1,200 gal/min (275 m³/h)**
- **Built Area= 4,000sqf**
- **Reference E.U. Project**
- **Including disruptive technologies**



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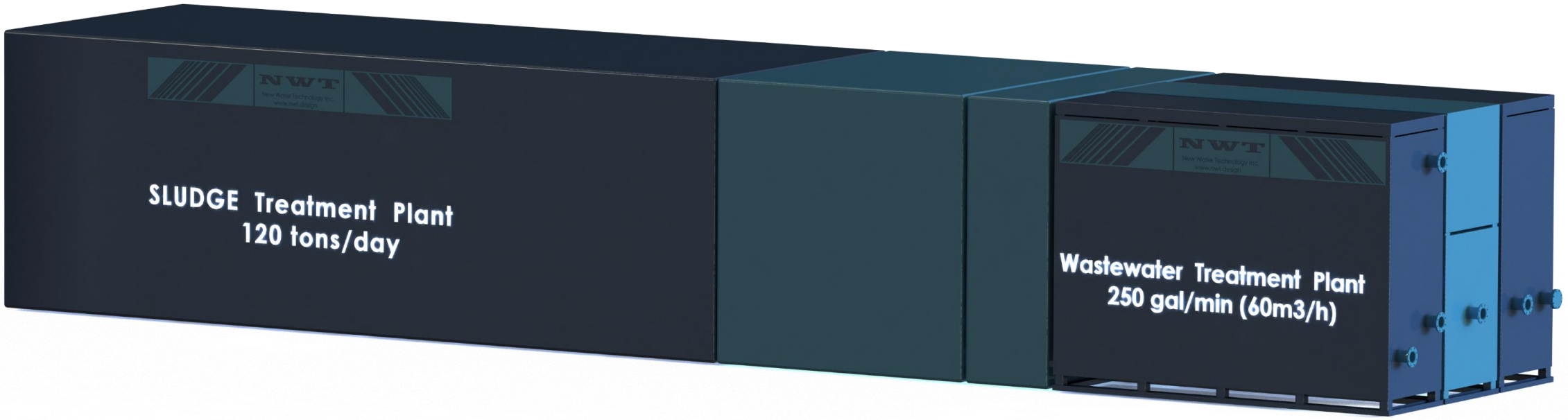
WWTP-060PS
wastewater treatment = 250 gal/min (56 m^3/h)
sludge treatment = 120 tons/day



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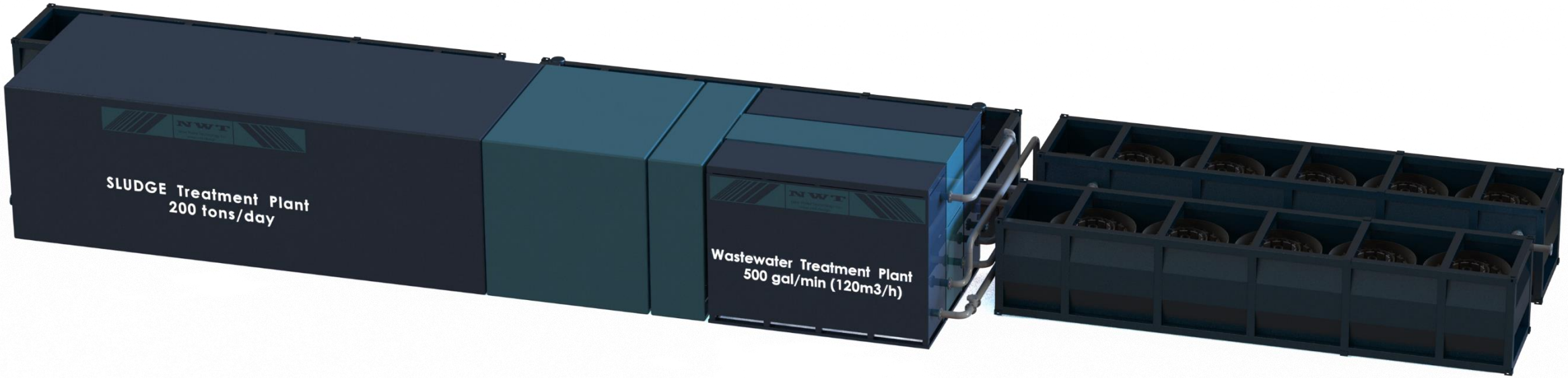
WWTP-100PS
wastewater treatment = 500 gal/min (115 m^3/h)
sludge treatment = 200 tons/day



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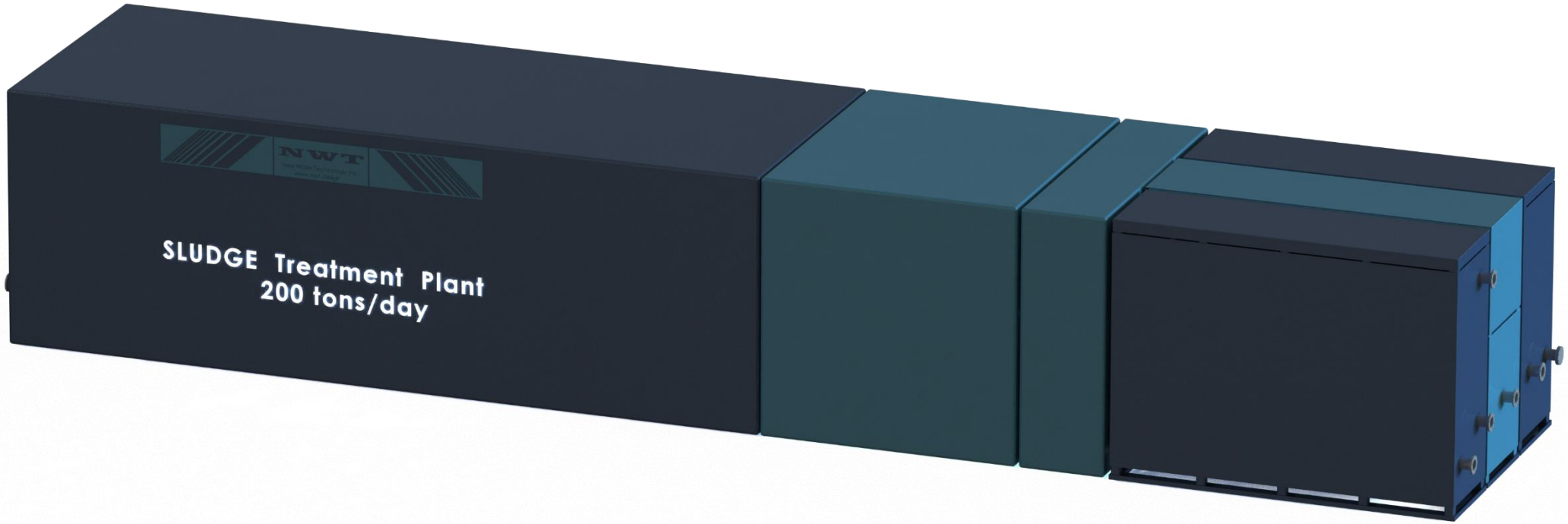
STP-200TD
sludge treatment = 200 tons/day



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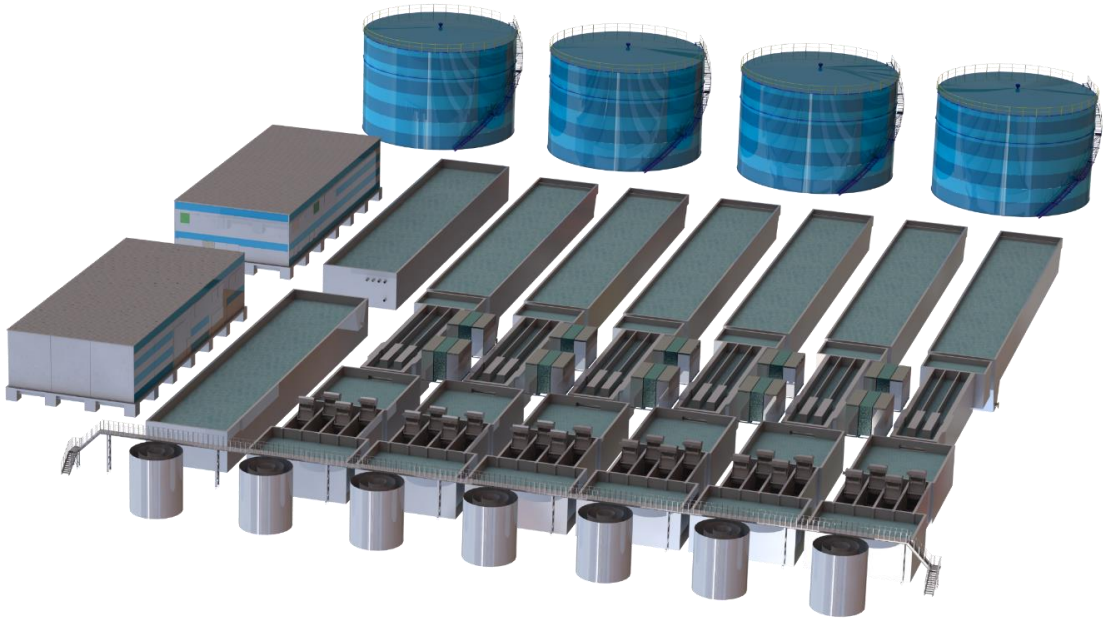
WWTP-100kPS
wastewater treatment = 20,000 gal/min (4,500 m^3/h)
sludge treatment = 5,000 tons/day



Concept Design proposal for:

Northern Pulp – Nova Scotia - Canada

- **Capacity: 20,000 gal/min (4,500 m^3/h)**
- **Built Area= 250,000sqf**
- **Reference E.U. Project**
- **Including disruptive technologies**

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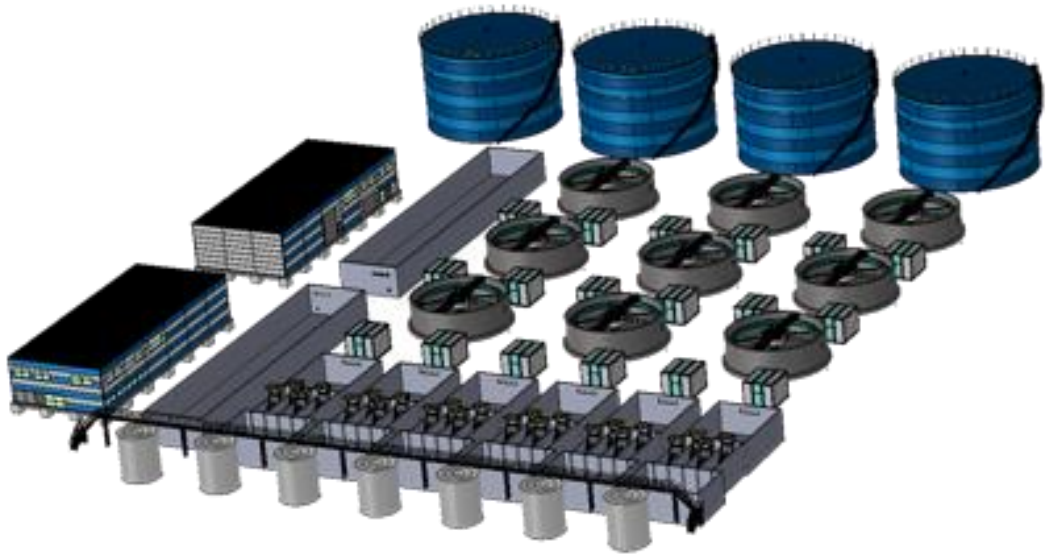
WWTP-150kPS

wastewater treatment = 30,000 gal/min (6,800 m^3/h)

sludge treatment = 8,000 tons/day



Concept Design proposal for:

Northern Pulp – Nova Scotia - Canada

- **Capacity: 30,000 gal/min (6,800 m^3/h)**
- **Built Area= 330,000sqf**
- **Reference E.U. Project**
- **Including disruptive technologies**

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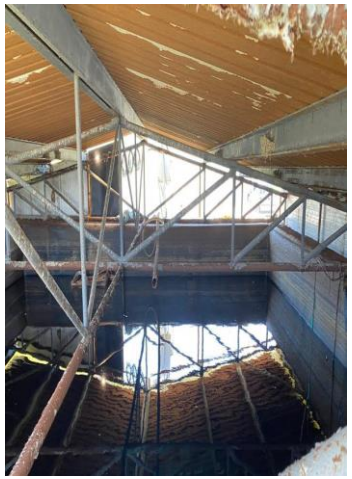
The Wastewater Treatment Plant had a capacity of 150gal/min (35 m^3/h) with a rate of success of **30%** (with No treatment of the sludge).
The liquid waste contained heavy metals and high-risk pollutants coming from different industries. With our technology we were able to reach **100%** cleaning of 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



Wastewater Treatment Plant facility near City of Iasi, Romania

Capacity: 150 gal/min (35 m^3/h)

Treated wastewater

Plant Effluent

Treated sludge

Sludge disposal

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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.

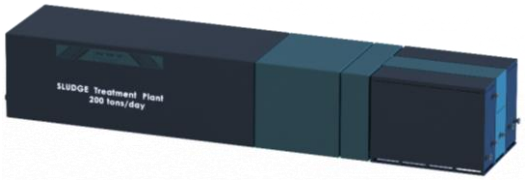
SLUDGE REACTOR BLOCK
Flocculation with admixes advanced smart materials and other chemicals

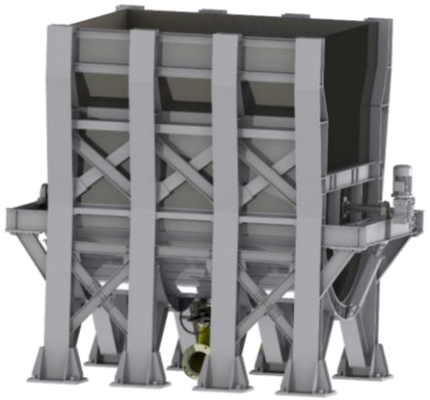
SLUDGE Thickening and Digester
Mixing with Chemicals and Sludge degradation, capture and separation of contaminants

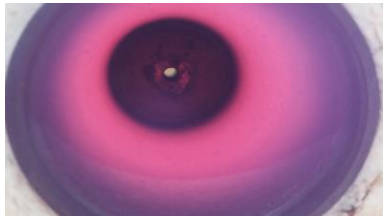
SLUDGE INACTIVATION
here the traces amounts of small flocs and residual micro-particles are easily removed

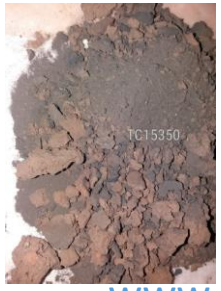
SLUDGE DEWATERING
already thickened sludge collected from treatment, clarification and polishing is mechanically extra-dewatered

INCINERATION AND DISPOSAL
sludge-waste is processed, then is mineralized by a last generation thermal treatment









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

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Trials(scouting for solutions for different feed streams)

Year 2019, London, Wastewater Plant SW-London / Prototype Capacity= 15 gal/min (4 m3/h) , 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

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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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