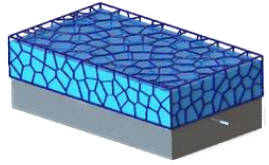
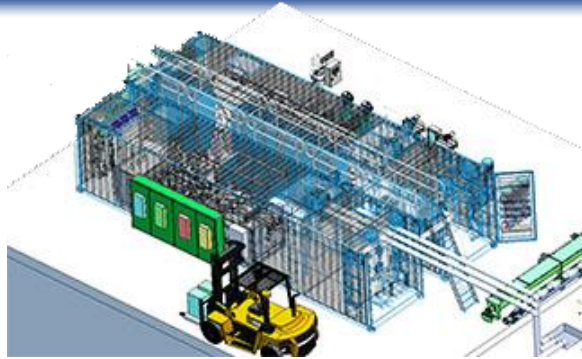




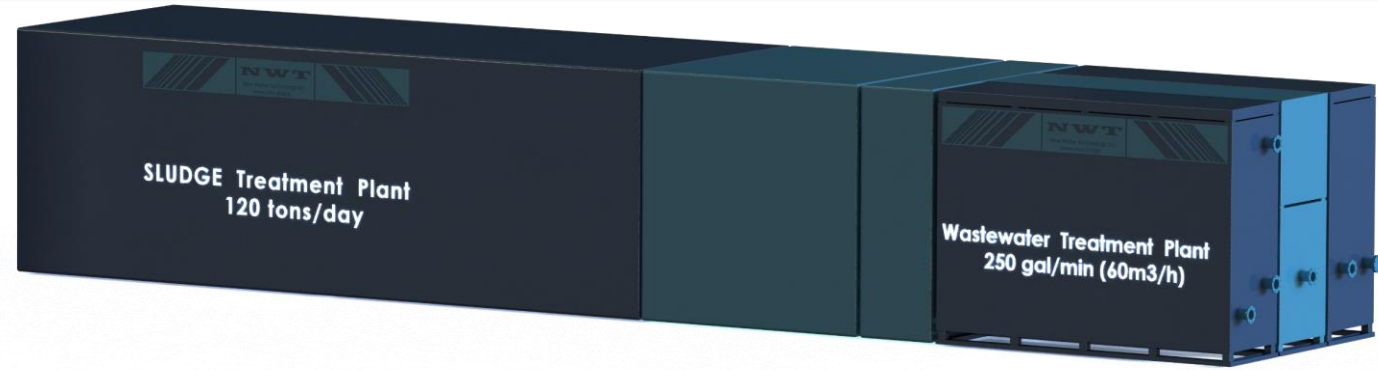
THE TOTAL SOLUTION IN WASTEWATER / SLUDGE TREATMENT



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



WWTP-050
capacity of 200 gal/min



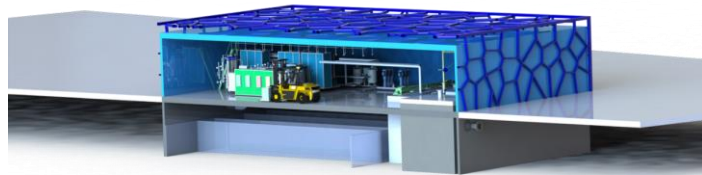
WWTP-060PS
wastewater treatment = 250 gal/min
sludge treatment = 120 tons/day

2006

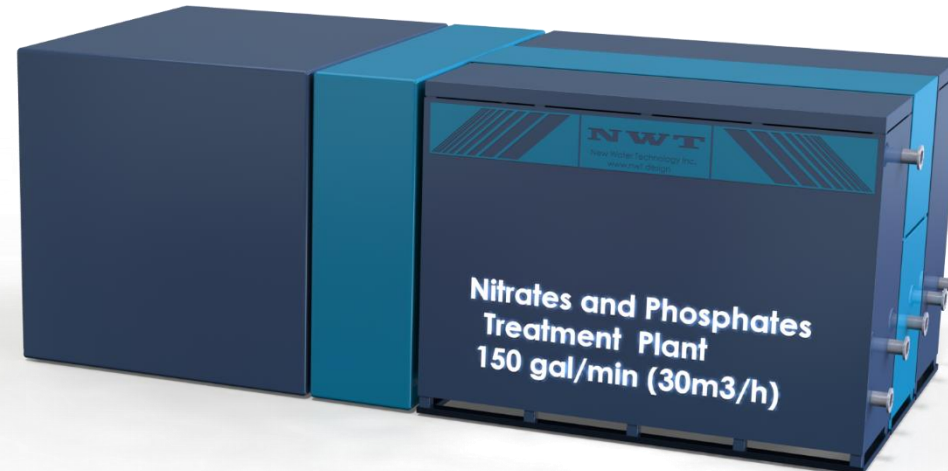


2021

WWTP-020
capacity of 100 gal/min



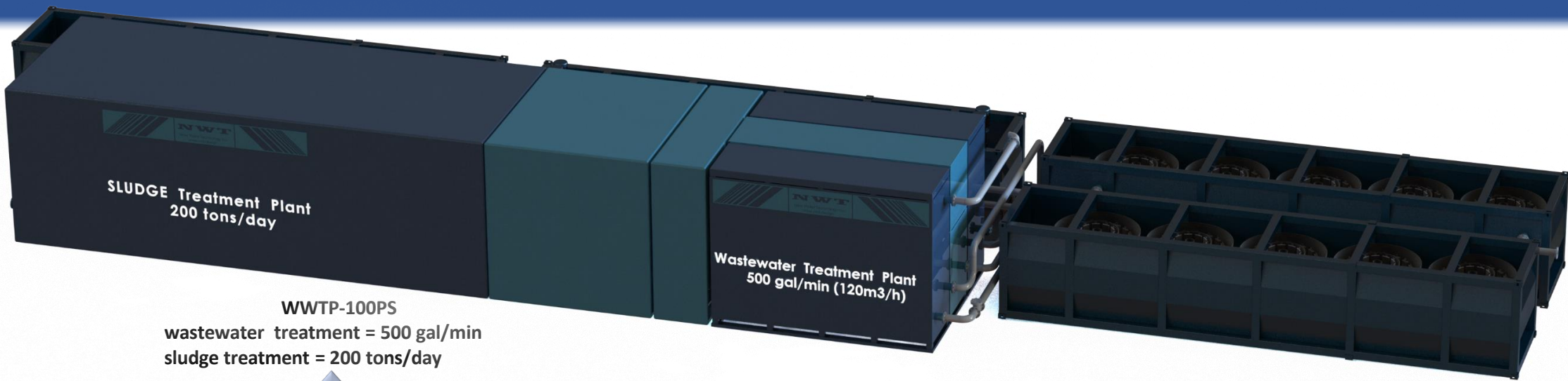
WWTP-030PS
capacity of 150 gal/min



Nitrates and Phosphates
Treatment Plant
150 gal/min (30m³/h)

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Milestones by 2023... and beyond



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

2020

2021

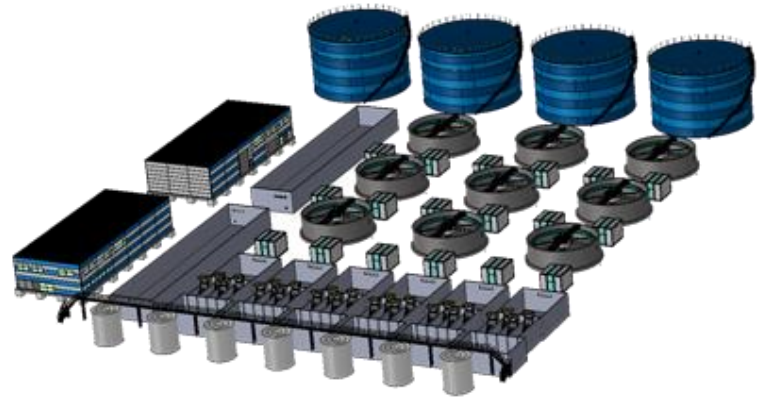
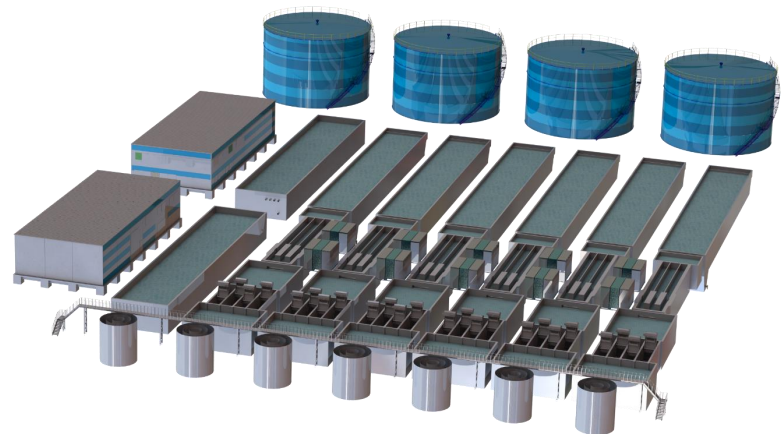
2023

2024

2025

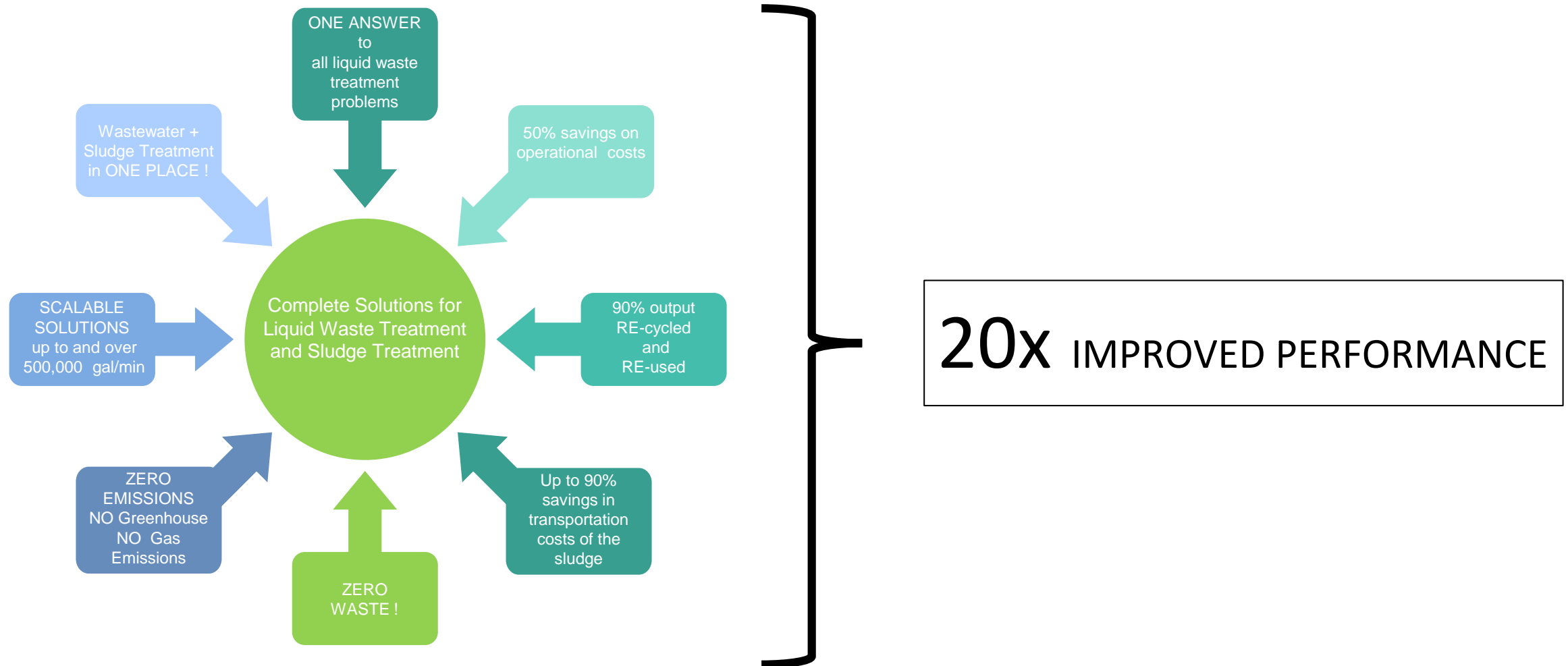
WWTP-100kPS
wastewater treatment = 20,000 gal/min
sludge treatment = 5,000 tons/day

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

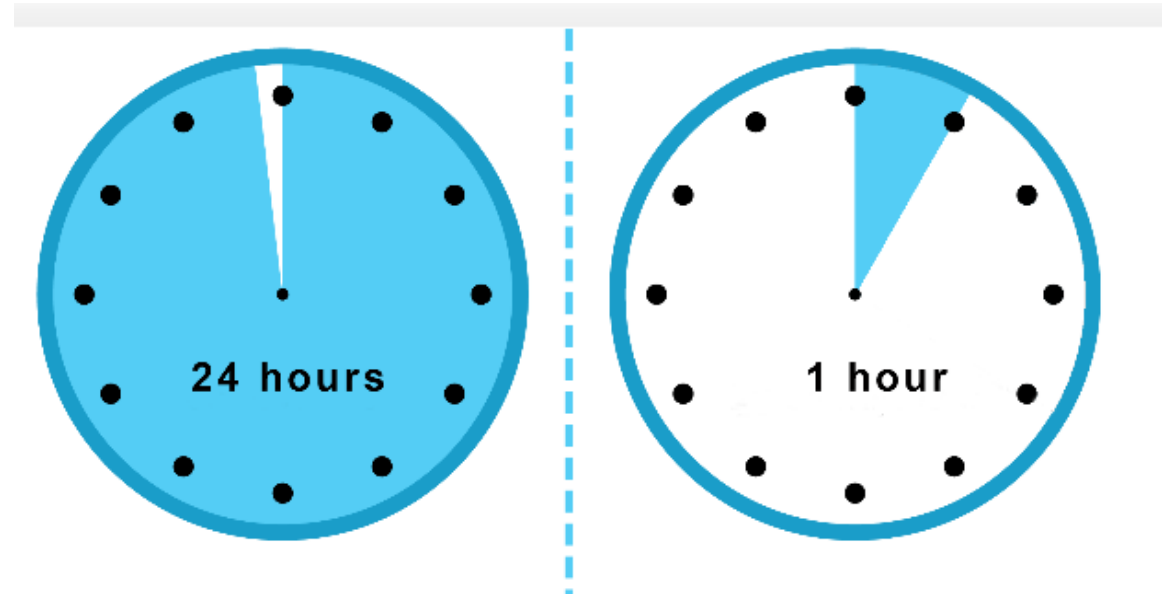
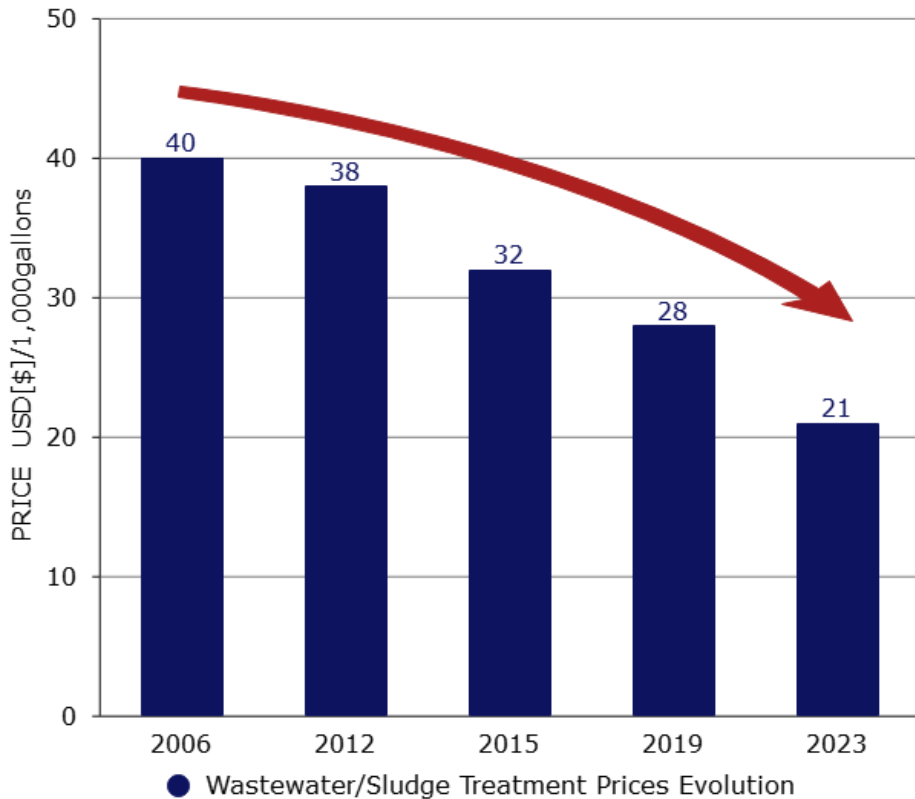


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Complete Solutions for Liquid Waste Treatment and Sludge Treatment based on Nano-Technology, Nano Filtration and Smart materials (technology developed with granted funds from European Union in 2019).



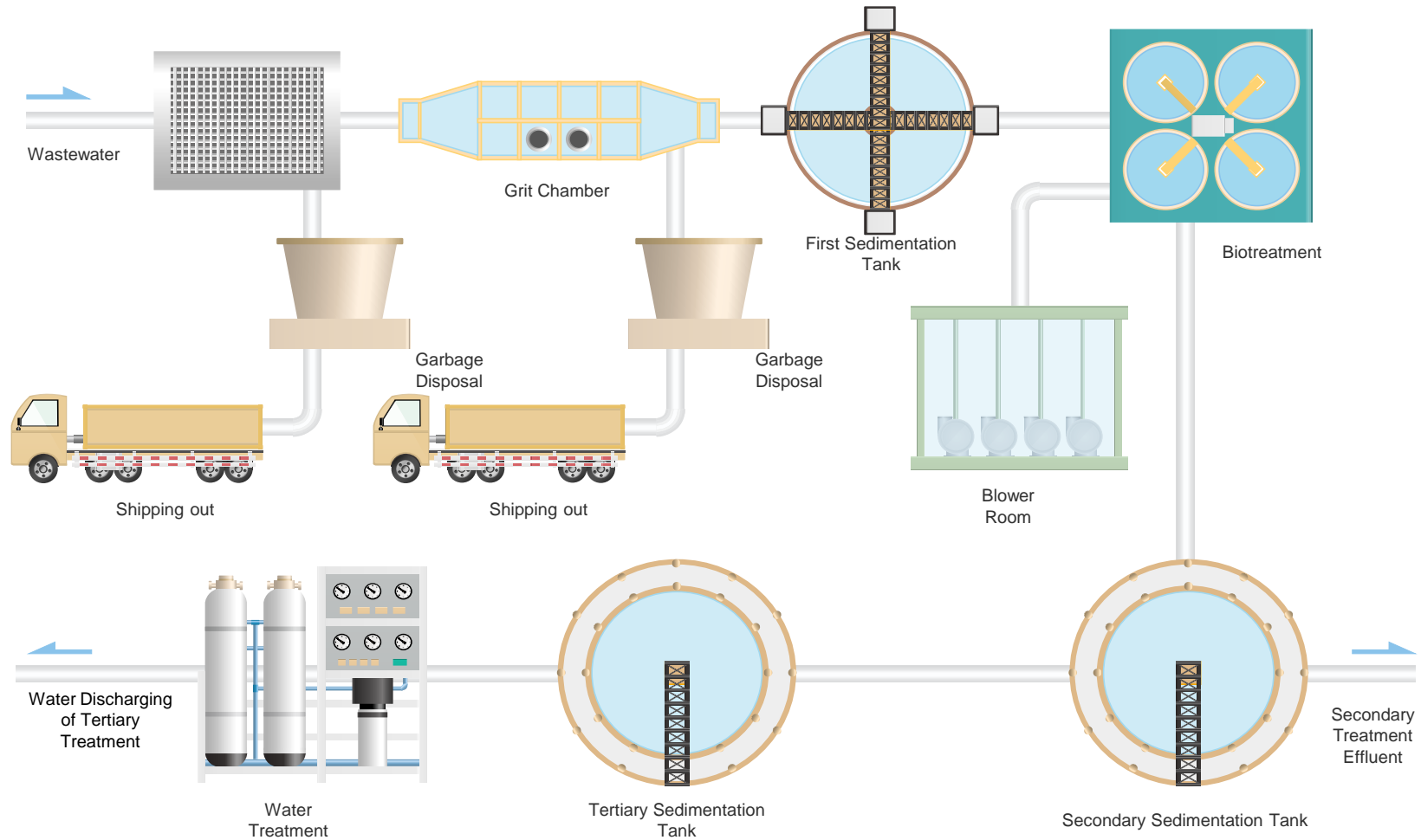
Improved Prices 2023 – New Water Technology Inc. For Industrial Wastewater/Sludge Treatment USD[\$]/1,000gallons



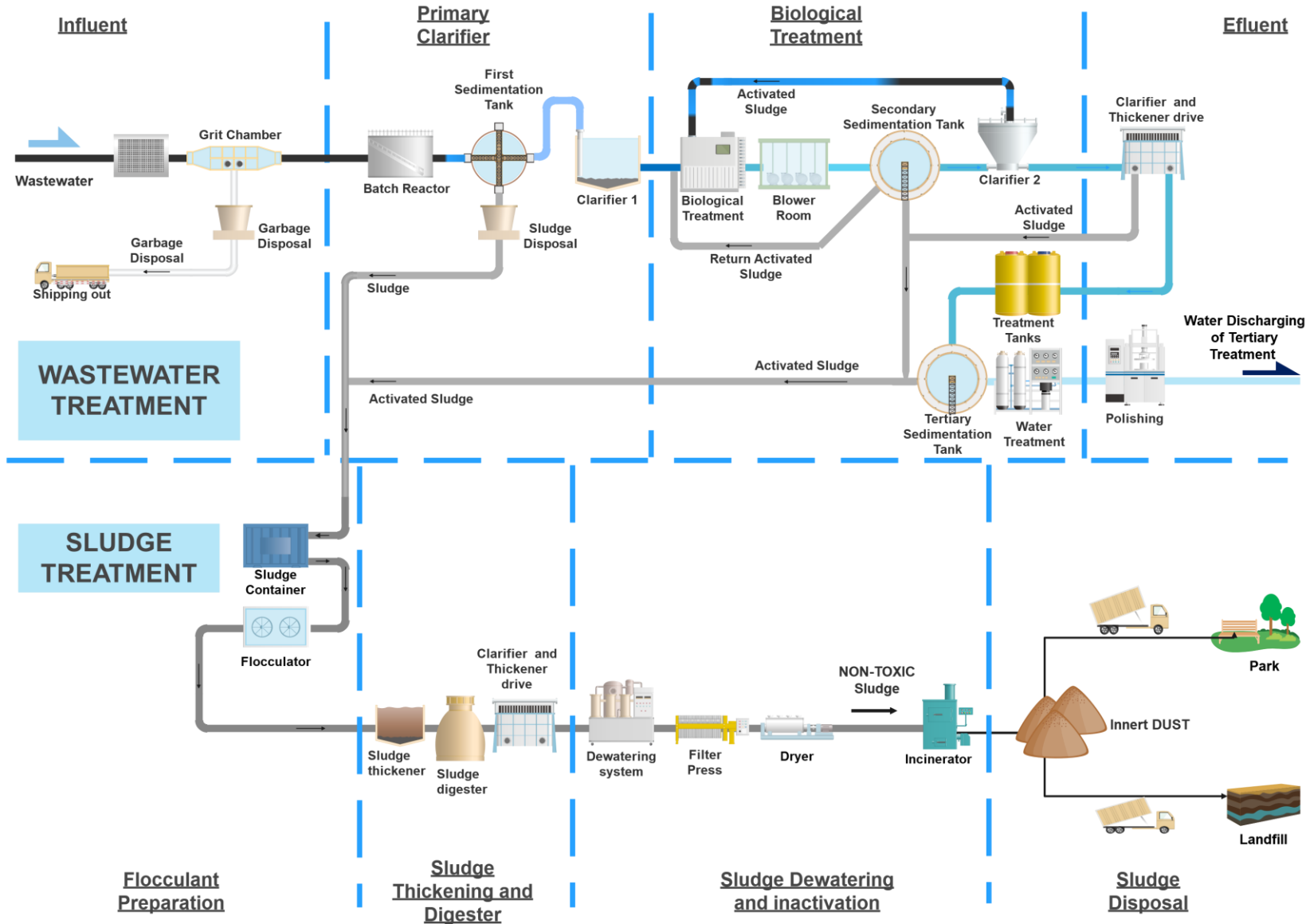
**PROCESSING TIME WITH
THE CLASSIC TECHNOLOGY**

**New Water Technology Inc.
SAVING PROCESSING TIME by 95%
WITH THE NEW TECHNOLOGY**

Traditional Wastewater Treatment Process



Disruptive Technologies for Wastewater and Sludge Treatment



www.nwt.design

www.nwt-tech.com

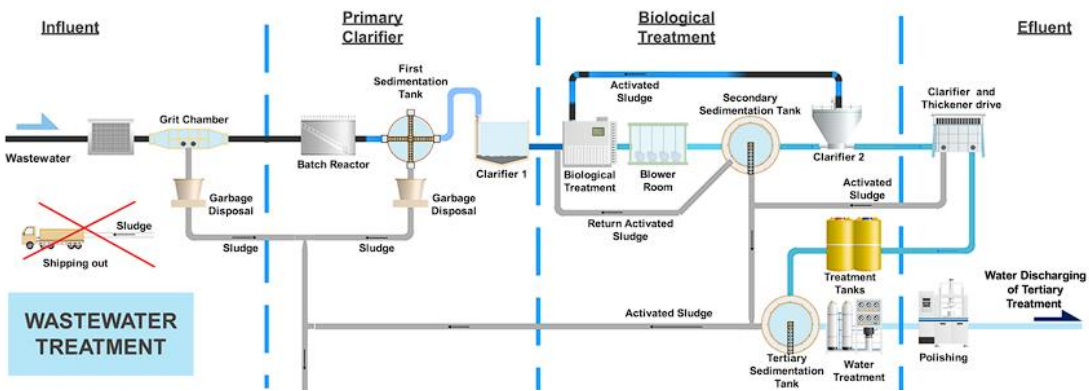
Core technology:

Liquid Waste Treatment Facilities

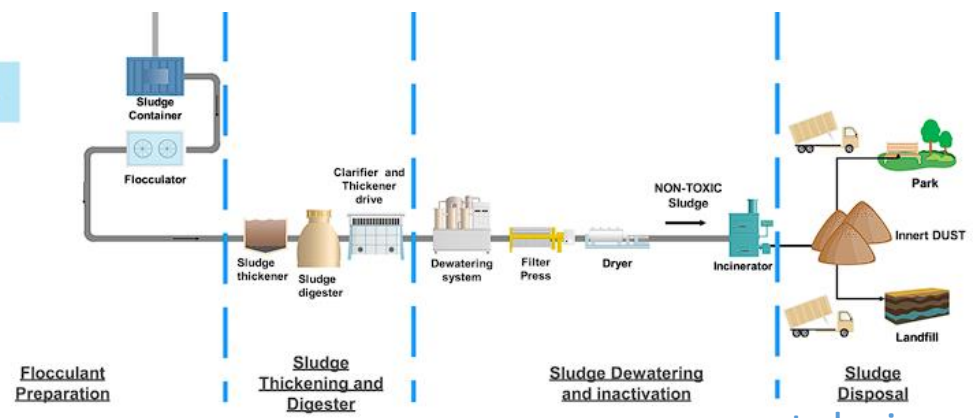
Disruptive technologies and applied solutions for water and hazardous liquid-waste treatment*

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

Sludge Treatment Facilities

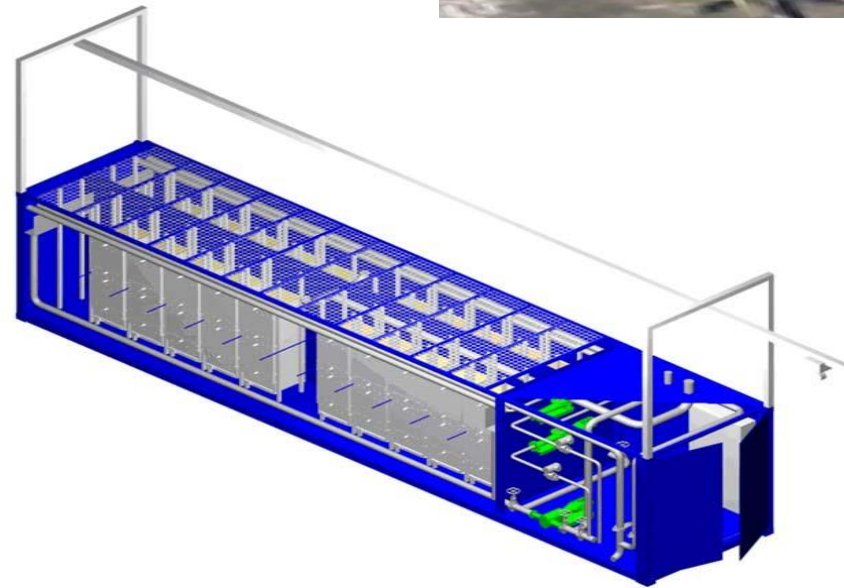
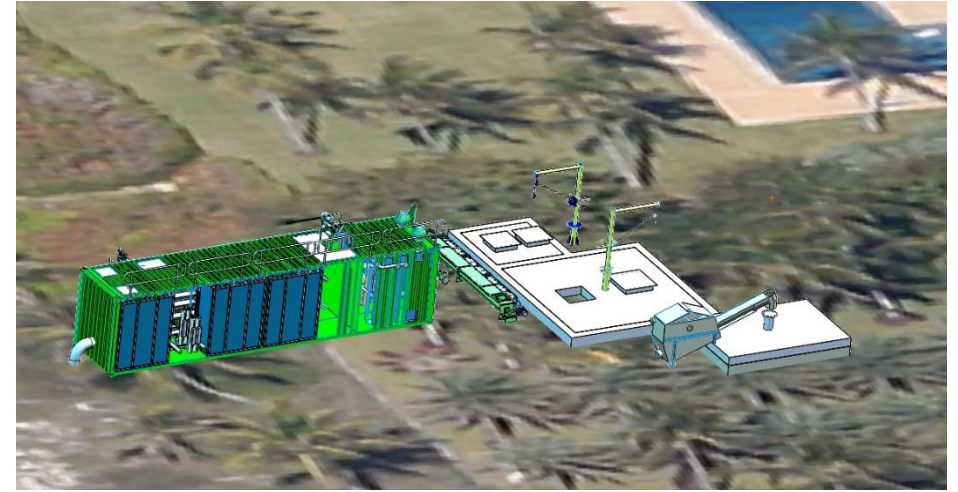
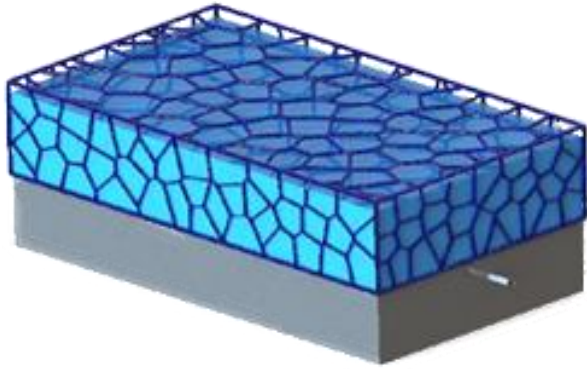


SLUDGE TREATMENT



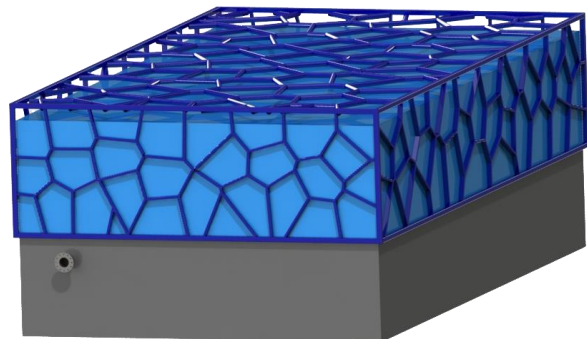
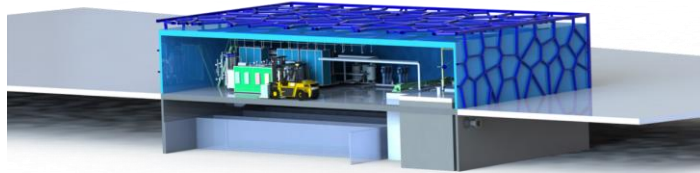
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1-st WWT Mobile Plant
capacity of 50 gal/min



www.nwt.design

WWTP-020
capacity of 100 gal/min



We started in 2005 with small mobile units (10mc/h approx. 50 gal/min) to unlimited possibilities after 2019.

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

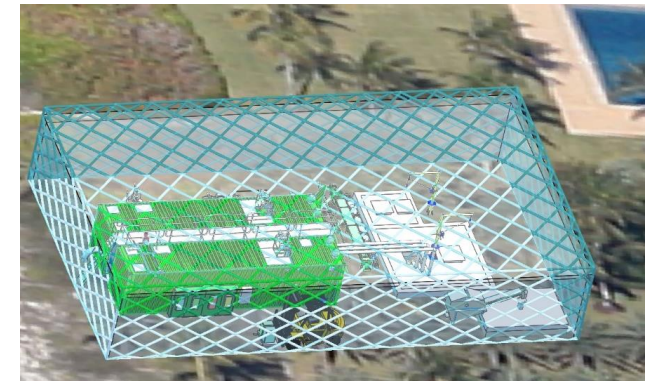


We started in 2005 with small mobile units (10mc/h approx. 50 gal/min) be able to achieve full scalability in the upcoming years.



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

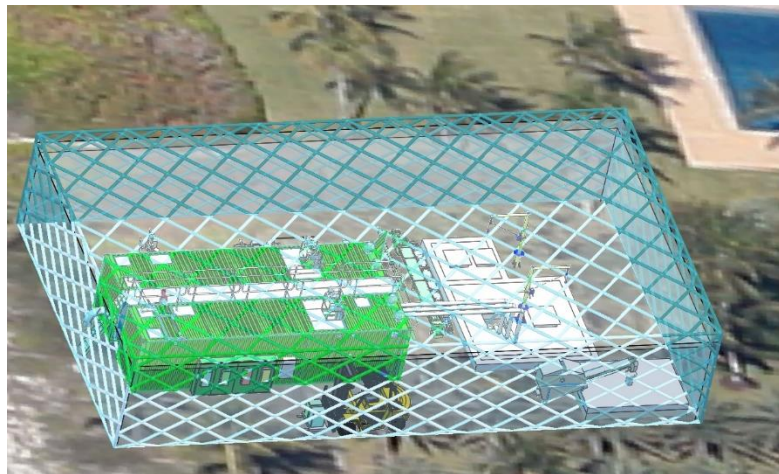
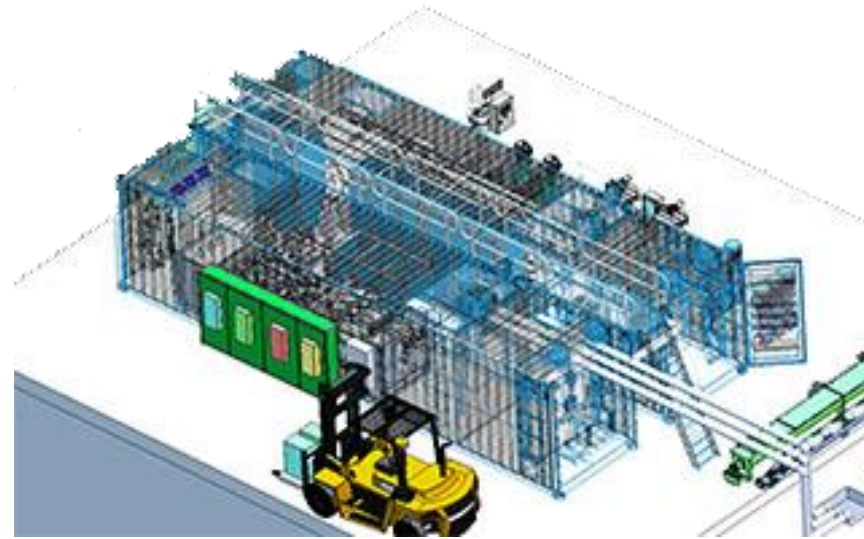
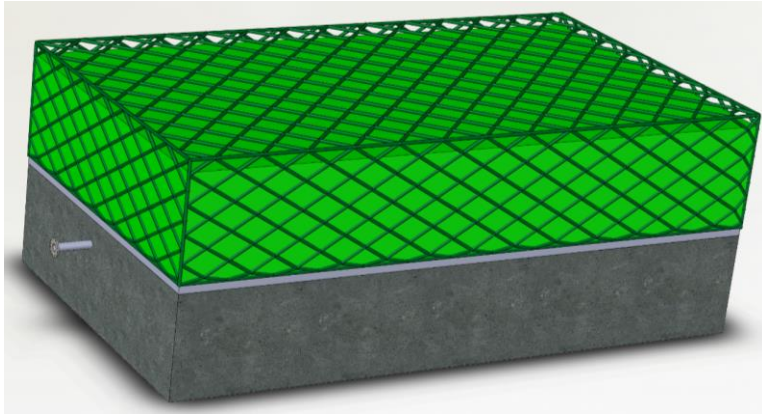
Arrangement possibilities of the Portable Wastewater Treatment Stations near Naples beach Outfalls



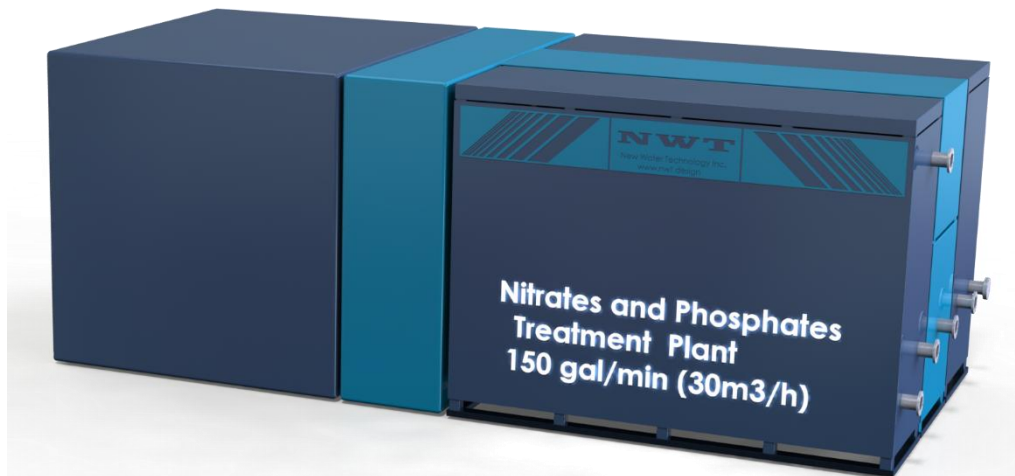
SCALABLE TREATMENT PLATFORM

WWTP-050

capacity of 200 gal/min

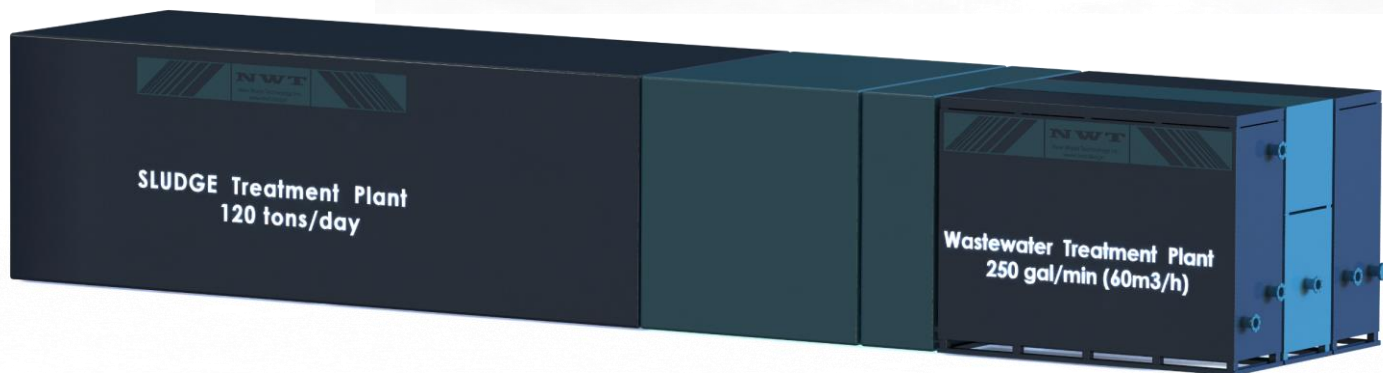


WWTP-030PS
capacity of 150 gal/min



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



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WWTP-060PS

wastewater treatment = 250 gal/min

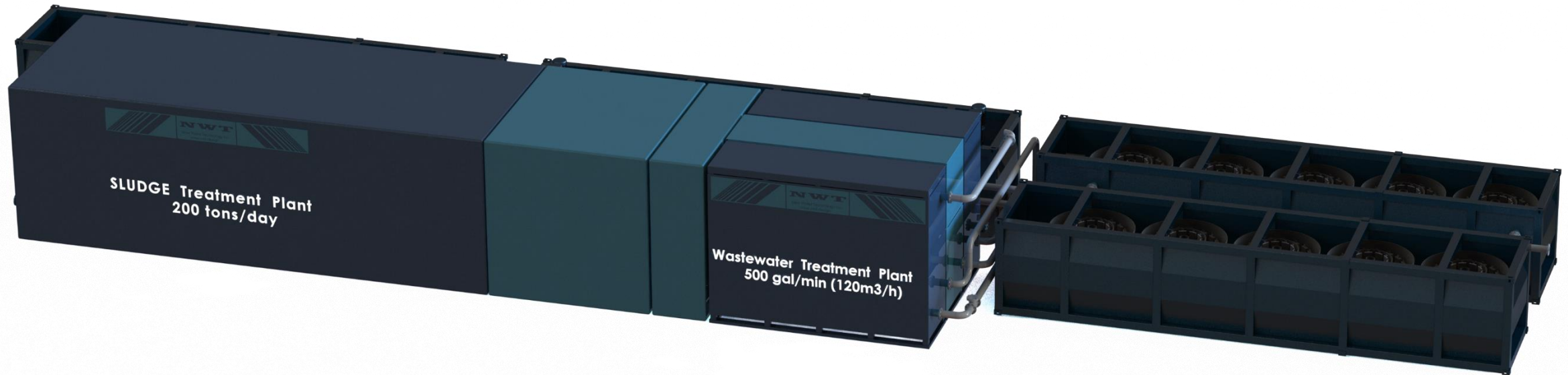
sludge treatment = 120 tons/day



WWTP-100PS

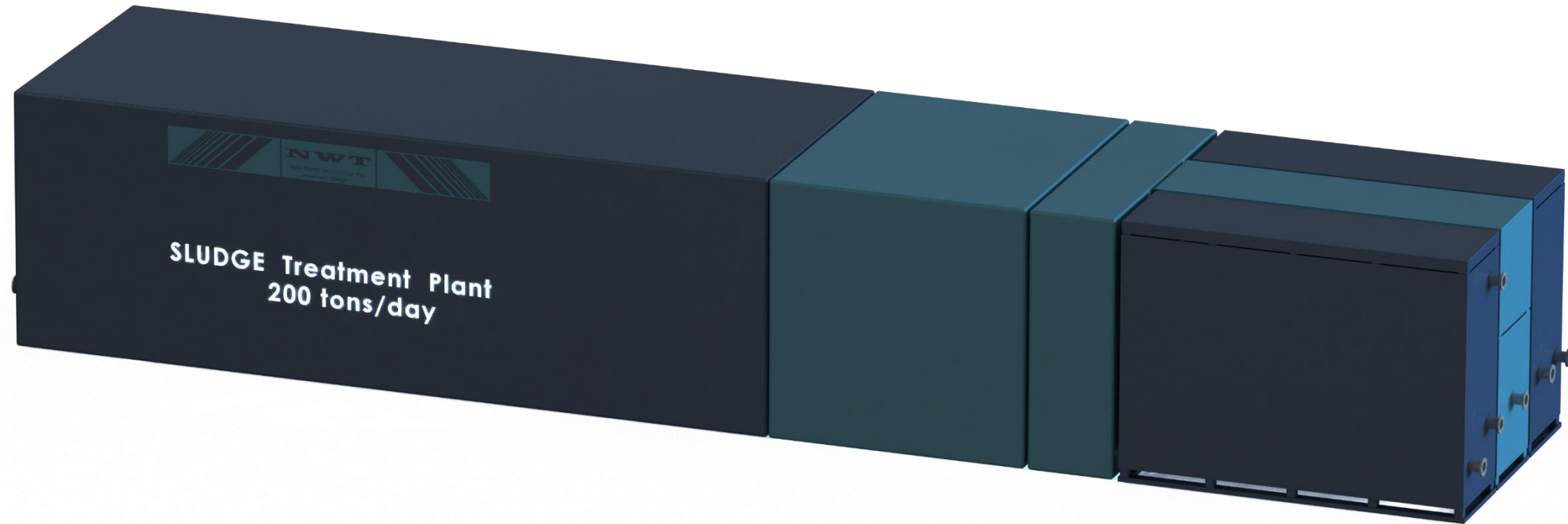
wastewater treatment = 500 gal/min

sludge treatment = 200 tons/day



STP-200TD

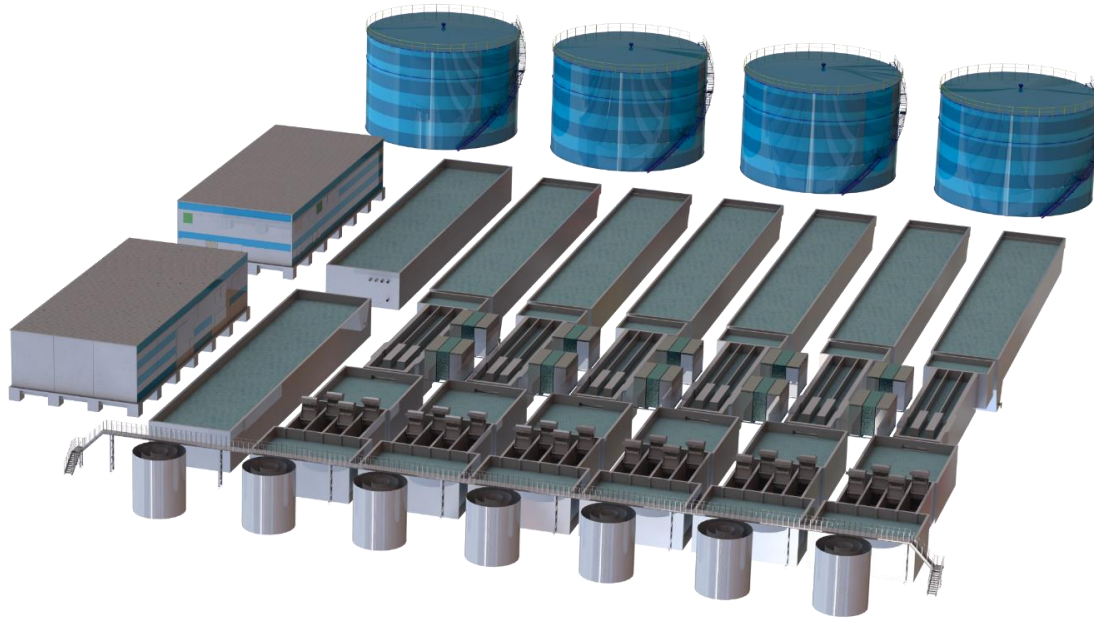
sludge treatment = 200 tons/day



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= 250,000sqf
- Reference E.U. Project
- Including disruptive technologies

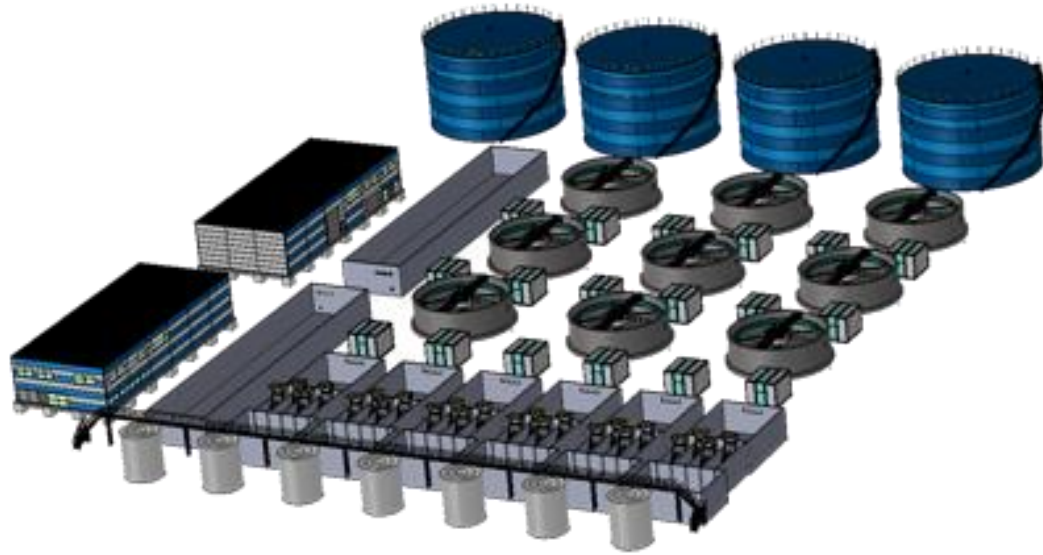


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WWTP-150kPS

wastewater treatment = 30,000 gal/min

sludge treatment = 8,000 tons/day



Concept Design proposal for:

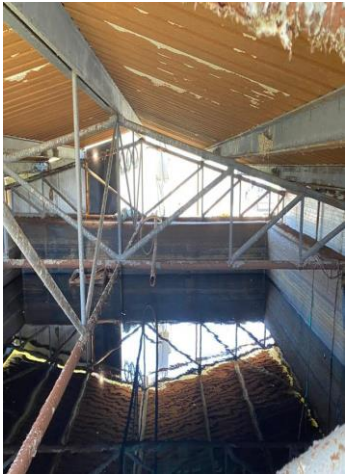
Northern Pulp – Nova Scotia - Canada

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



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



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

Treated wastewater



Plant Effluent



Treated sludge



Sludge disposal



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.

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

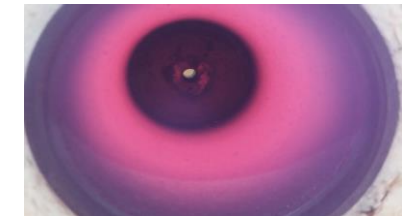
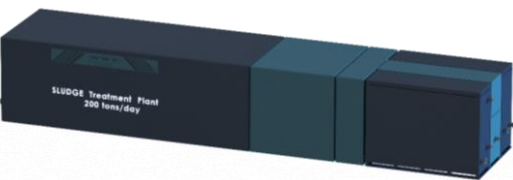
here the traces amounts of small flocs and residual micro-particles are easily removed

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, Built Area= 86sqf

Schematic representation of the conducted Tests

Prototype Unit - Test 1:

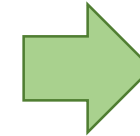
View of Reactor block Mixing tank



5 treatment stages



Raw sewage feed 1



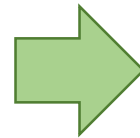
Filtration efficiency including safety factor

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

New Water Technology Inc.

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