



CNP CYCLES
watering life

Goeppingen WWTP AirPrex[®] P-Recovery with Acidification

CNP CYCLES, 2022



Goeppingen WWTP
AirPrex[®] Process



Lifting of the AirPrex® Reactor



Lifting of the AirPrex® Reactor

Size WWTP: 330.000 P.E.

Throughput AirPrex®: 220 m³/d

Start-up: 11/2019

- AirPrex reactor 110 m³
- Acidification
- Innovative discharge system
- MAP Washer
- Chemical tank with chemical dosing
- Aeraton blowers
- Controls



Inside view building



Chemical tanks and acidification



MAP Washer



MgCl₃ storage tank



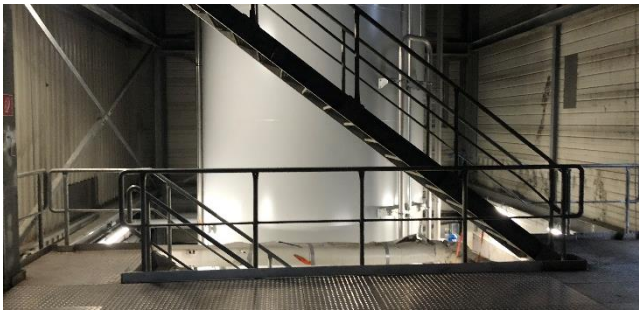
Inside view building



Reactor top view



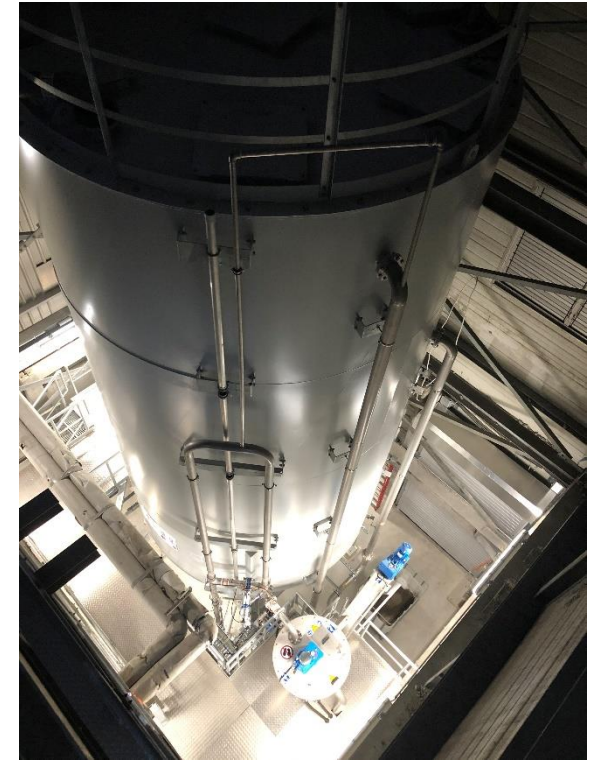
MAP Washer



Inside view building



Reactor with discharge pipe system



Reactor with MAP Washer

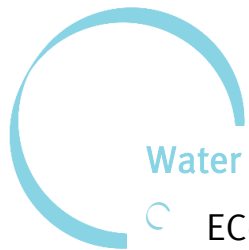


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Energy Cycle

- Anaerobic Digestion
- DePrex
- PONDUS



Water Cycle

- ECoFlocX® Clarification

We
close
loops.



Nutrient Cycle

- AirPrex®
- LysoPhos®



Smart Water Cycle

- Industrial Water Treatment
- Reuse

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