

Author: Wim Bossaerts

Process lead interreg program water-link

1. Site: Water-link interreg pilot

p.a. Plein Public

D'herbouville kaai 19

2020 Antwerpen

2. Description:

Decentralized Installation foreseen for the production of drinking water out of grey waste water.

Unit build by Nereus SAS, Parc d'activité domaine de trois fontaines, 34230 Le Pouget, France.

Offered by Nereus SAS under number WTL01-GW-v3 with date 04/05/2018, ordered by water-link under order number 4500010805 on 09/05/2018.

Consists of:

Container 1: 40 ft customized container

skid installed water treatment plant for the treatment of waste water

drum filter

grease and solids trap

feed pump

heat exchanger

NF unit with rotating ceramic disc

Circulation and pressure pump

Double pass RO unit

Sampling station

Electrical cabinet for controlling the unit

Heat pump with external unit to cool down the treated water

Water safety unit with UV & remineralisation treatment  
Clear water storage tank  
Pumping installation to distribute the produced water  
Ventilation unit  
Small parts storage room + desk

Container 2: 20 ft customized container  
chemical dosing unit & storage  
Compressor  
Electrical cabinet  
Safety shower  
Storage for spare parts  
Ventilation unit

Outside: electrical information screen

3. Date of installation: 28 09 2018

4. Date of commissioning: October-November 2018

5. First trials on waste water: December 2018

6. Delivered with installation:

Engineering documents	<input checked="" type="checkbox"/>
Manual (English)	<input checked="" type="checkbox"/>
Spare parts	<input checked="" type="checkbox"/>
Safety regulation	<input checked="" type="checkbox"/>
CE conformity	<input checked="" type="checkbox"/>
Etic software for "web based control"	<input checked="" type="checkbox"/>

For agreement:

Wim Bossaerts

Water-link

Process lead

Guilhem Molles

Nereus SAS

Technical Director

Addendum 1: pictures:



Pic1: cont 1: storage tank & heat pump



Pic2: cont1: heat pump + electrical cabinet



Pic 3: cont 1: drum filter + grease trap + skid mounted purification unit



Pic 4: cont1: outside view customized container 1 + information screen + external condensor





Pic 5: cont 2: safety shower + compressor + storage room



Pic 6: cont 2: compressor + storage + chemical dosing unit



Pic 7: cont 2: chemical dosing unit





Pic 8: cont 1: CE conformity plate skid purification unit