

A brand of
Aqseptence Group

Passavant®/Geiger® Multi-Rake Bar Screens KUR for the Wastewater Treatment Plant in Le Havre, France

Situation

The old headworks station of the wastewater treatment plant in the city of Le Havre was regularly flooded because the cleaning capacity of the previously installed bar screens was not sufficient to handle the amount during storm water events. It had become necessary to renew the station with screening machines at a higher cleaning frequency. At the same time, the screenings transport system and the control unit were to be replaced.



Customer

DEGREMONT Suez
92500 RUEIL MALMAISON - FRANCE

Commissioning

2016

Advantages

- Short cleaning cycles due to revolving chain with 12 cleaning elements.
- No sprocket wheels in the submerged area
- Completely hygiene-enclosed system
- Modular design

Solution

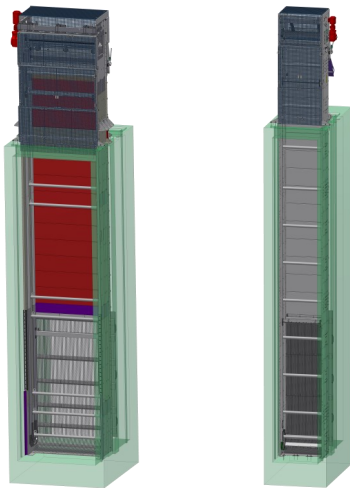
Delivery of 3 KUR-HD and 6 KUR-C, as well as 4 belt conveyors and 3 spiral conveyors with the associated control unit. For optimal cleaning with space-saving 90° installation, the screens were equipped with automatic discharge chutes. In addition, the coarse screens can be lifted by hydraulic cylinders in case of an accident in order to release the channel in case of too high occupancy. Due to very tight installation conditions, the modular design of the screens was a great advantage. The bottom section, intermediate sections and bar rack were pre-assembled with inserted chains and cleaner elements and moved to their respective installation positions via openings in the roof. Subsequently, only the drive units had to be mounted. Since commissioning, the new raking system with Multi-Rake Bar Screens from Aqseptence Group has been running without any problems and to everyone's fullest satisfaction.

Technical details

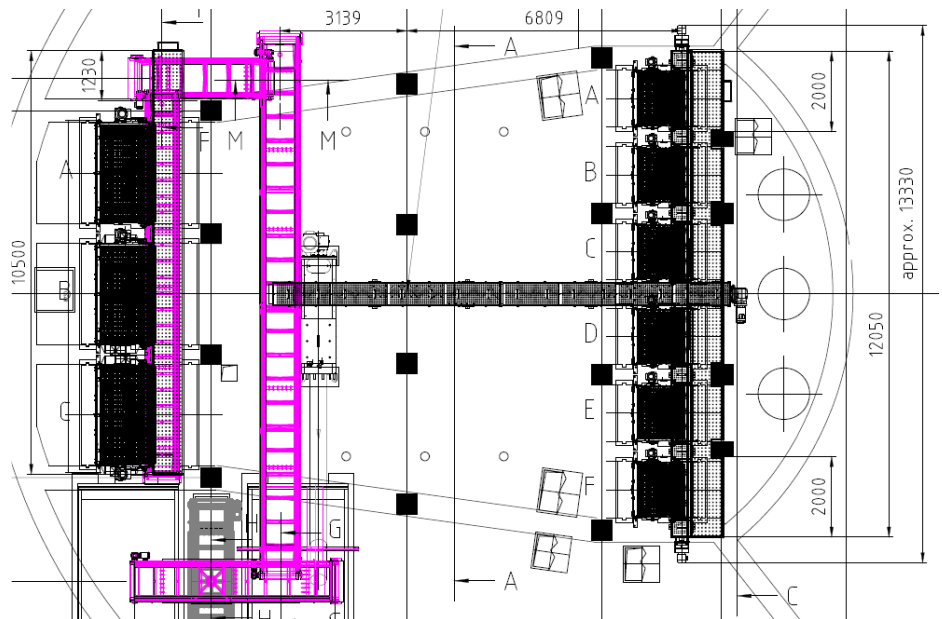
Passavant®/Geiger® Multi Rake Bar Screen
3 x KUR-HD as Coarse Screens
6 x KUR-C as Fine Screens with accessories:

Design sizes:	Coarse screen	Fine screen
Channel width:	2.5 m	1.4 m
Installation depth:	9.8 m	10.2 m
Max. inflow:	6,000 l/s	1,200 l/s
Gap width:	35 mm	10 mm
Number of rakes:	12	12

Coarse- and Fine Screens



Top view: 3 Coarse Screens, 6 Fine Screens and Conveyor system



Aqseptence Group GmbH
Water Processing Solutions

Product Line: Water Treatment

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