

Support of diffused aeration at a paper mill with FUCHS OxyStar Aerators

At a paper mill in Bulgaria a retrofit to support existing diffusers was completed in 2014.



OxyStar Aerators on mounting bracket to support diffused aeration

The paper mill is Bulgaria's leading manufacturer of corrugated packaging and paper for corrugated board.

The paper mill operates its own wwtp. The activated sludge basin is equipped with 420 disk diffusers that are spread equally over the entire bottom.

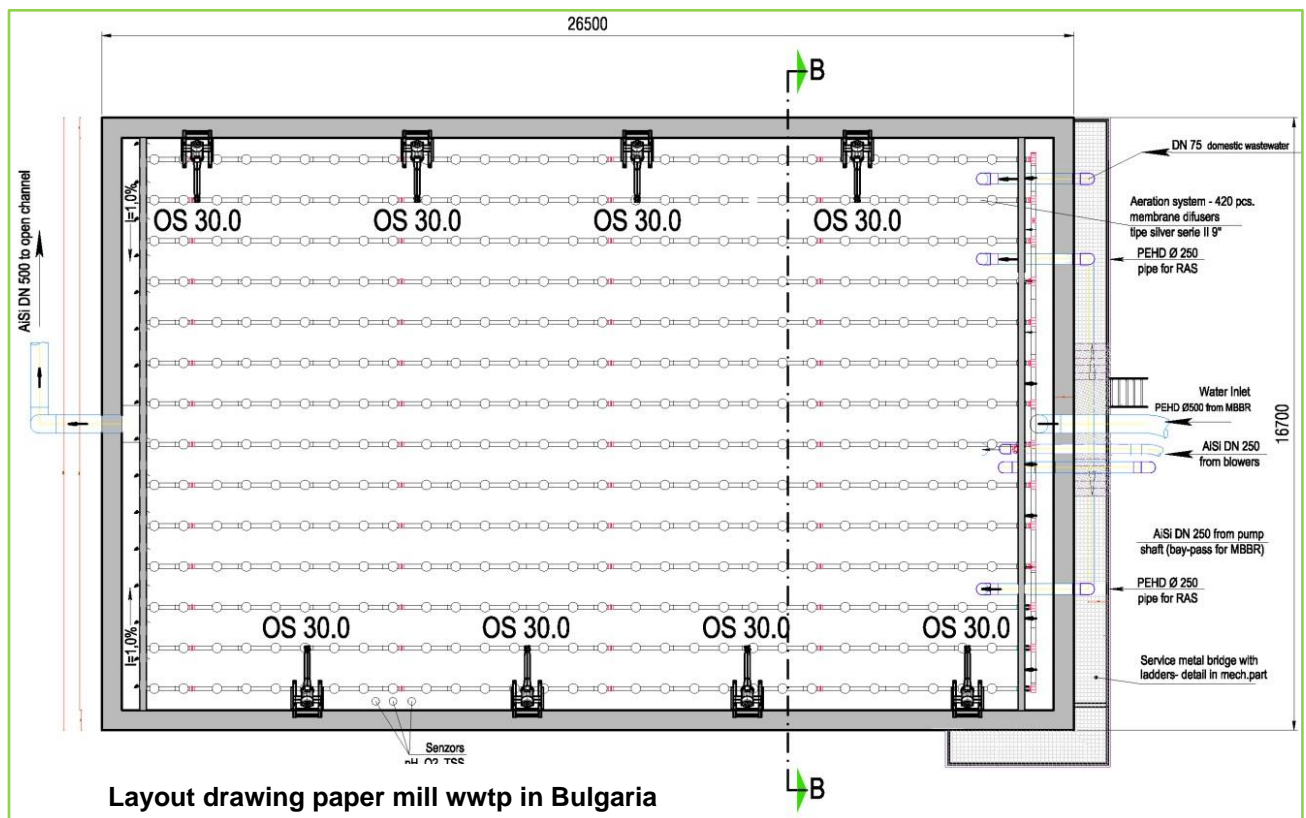
Additional aeration was needed to achieve the required oxygen concentration in the basin. The existing diffused aeration system could not be upgraded.

Finally, the decision was made to install eight FUCHS OxyStar Aerators, type OS 30.0, on mounting brackets at the outer wall.

The mill is really satisfied with the performance of the OxyStar Aerators.

Due to their sophisticated design – compared to other brands - FUCHS OxyStar Aerators offer numerous advantages. They provide highest aeration and mixing efficiency in their class.

Customers worldwide favor the virtually maintenance free OxyStar Aerators. They can be easily installed in existing basins, even without the need of emptying it.



The features making FUCHS OxyStar Aerators the number one choice for retrofits:

- Combination of outstanding oxygenation and mixing
- Sturdy and intelligent design
- No sealing or bearing in the immersed part
- No gears
- No need for lubrication or oiling
- Virtually maintenance free
- Resistant high-quality materials
- Easy handling and installation due to low weight
- No spray water
- Low noise emission
- Installation without emptying the basin
- Bracket and float-mount installation

2021-01-13

Contact:



FUCHS
A Metawater Company

FUCHS Enprotec GmbH

Stocktal 2 · 56727 Mayen · Germany
phone +49 2651 8004 0
fax +49 2651 8004 135
info@fuchswater.com
www.fuchswater.com