



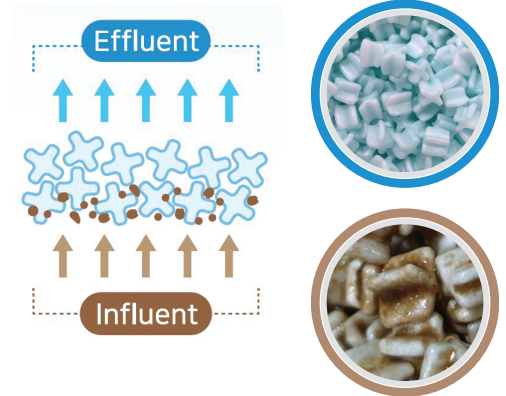
# PROTEUS Tertiary Biofiltration

Title 22 Certification

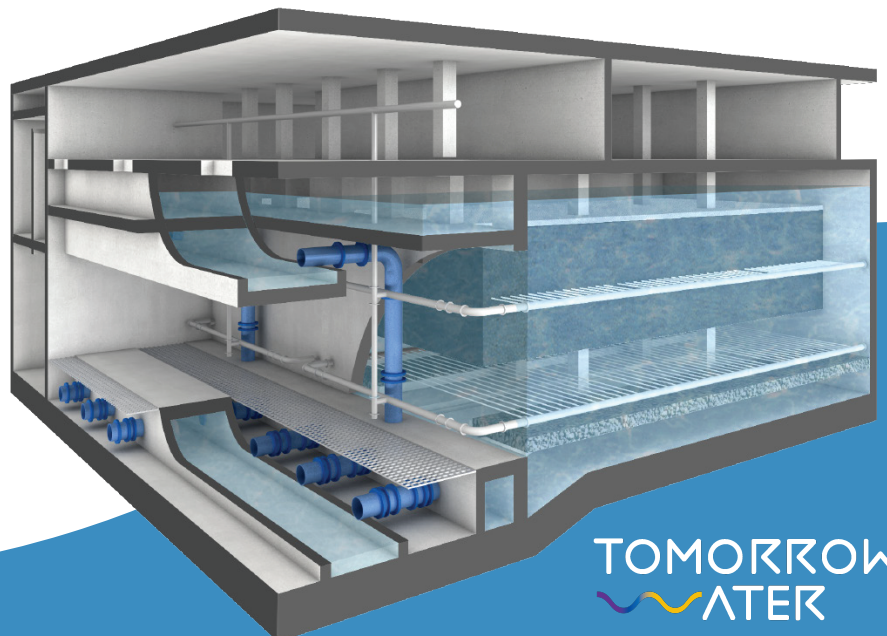
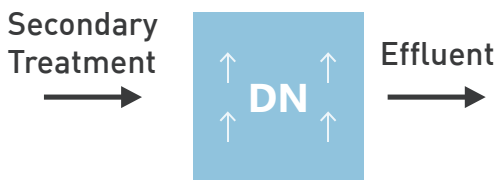
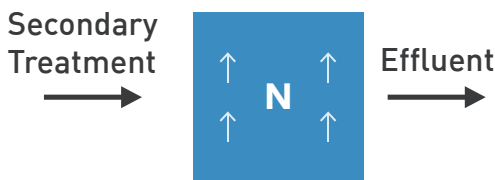
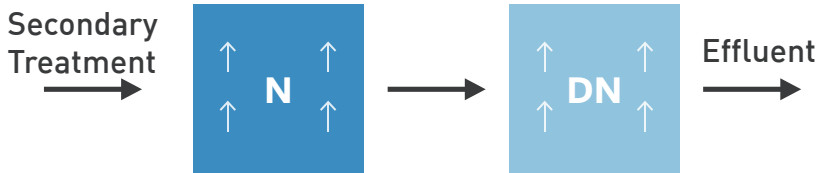
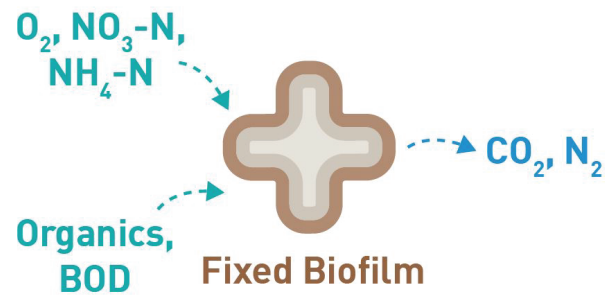
**PROTEUS** is a high-rate media filtration system that can simultaneously perform physical filtration and biological treatment in a single reactor. The tertiary treatment system is an up-flow biological aerated filter (BAF) that uses expanded polypropylene as a floating fixed-film media. **PROTEUS** can be configured to accomplish a range of tertiary treatment functions such as BOD/TSS reduction, nitrification, and denitrification.

**PROTEUS** minimizes the overall system footprint and significantly reduces operation and maintenance requirements.

## Solids Removal



## Biological Aerated Filter for Tertiary Polishing



APPLICATION	CLIENT	CAPACITY (m <sup>3</sup> /d)	CAPACITY (MGD)
Tertiary (Advanced WWT)	Ohsan WWTP	57,000	15.1
Tertiary (Advanced WWT)	Eoyang WWTP	45,000	11.9
Tertiary (Advanced WWT)	Geodan WWTP	40,000	10.6
Tertiary (Water Reuse)	Qufu WWTP (China)	40,000	10.6
Tertiary (Advanced WWT)	Bookhang WWTP	35,000	9.3
Tertiary (TMDL Control)	Boryung WWTP	30,000	7.9
Tertiary (Water Reuse)	Dangjin WWTP	30,000	7.9
Tertiary (TMDL Control)	Gwangju WWTP	25,000	6.6
Tertiary (TMDL Control)	Jeungpyung WWTP	25,000	6.6
Tertiary (Advanced WWT)	Pocheon WWTP	24,000	6.3
Tertiary (Water Reuse)	Songdo WRP	20,000	5.3
Tertiary (Water Reuse)	Seonam Magok WRP	20,000	5.3
Tertiary (Advanced WWT)	Chungbuk WWTP	15,200	4.0
Tertiary (TMDL Control)	Ohpo WWTP	14,000	3.7
Tertiary (Advanced WWT)	Deajuk WWTP	12,000	3.2
Tertiary (Polishing)	Pohang WWTP	9,000	2.4
Tertiary (TMDL Control)	Docheok WWTP	4,000	1.1

The information provided in this brochure contains merely general descriptions or characteristics of performance which in actual case of use do not always apply as described or which may change as a result of further development of the products. An obligation to provide the respective characteristics shall only exist if expressly agreed in the terms of contract.

If you'd like to learn more, please contact  
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[www.tomorrowwater.com](http://www.tomorrowwater.com)