A Revolution in Wastewater Treatment

See how PROTEUS can achieve compliance while slashing your process footprint & unlocking hidden plant capacity!

If you’d like to learn more, please contact JL@BKT21.COM or call (714) 578-0676 x112.

www.tomorrowwater.com

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.
PROTEUS is a high-rate filtration system. Using proprietary floating media, it effectively removes suspended solids and soluble organics through physical filtration and biological treatment.

PROTEUS has hundreds of MGD in installed capacity. As a replacement for primary clarifiers, PROTEUS can shrink existing process footprints while increasing carbon capture and digester gas production.

APPLICtATIONS
- Primary + Wet Weather Flow
- Secondary Treatment Without Clarifiers
- Tertiary Filter & N/DN
- Retrofit & Expansion

WHAT MAKES IT POSSIBLE
Our patented expanded polypropylene (EPP) media design boasts the highest solids loading rate of any biofiltration process in the world.
- Gravity-based, zero-energy backwash uses only process water for cleaning
- Long lifespan, low attrition
- Unique shape maximizes void ratio
- Minimizes head loss
- Easy servicing

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WET WEATHER FLOW TREATMENT
- Combine filtration with biological treatment
- Can be enhanced with chemical carbon capture
- Short HRT, small footprint
- Implemented at scales of up to 132 MGD

The PROTEUS system can also be used to treat wet weather flows to primary or secondary standards. With continuous aeration capabilities and no settling required, the system can manage high peaking factors and variable flow rates, simplifying the treatment of dilute flows.