

HOW

SURFACE-FIRST™ WATER INTELLIGENCE

SUPPORTS WATER TREATMENT OPERATIONS

Continuous surface contaminant monitoring helps operators:



Detect hydrocarbons, HABs & organics earlier

Earlier awareness of key surface contaminants before mixing



Optimize intake & pretreatment operations

Earlier visibility into contaminants before they enter the intake



Optimize treatment & membrane performance

Adjust treatment based on changing source-water conditions



Enable earlier operational response

More time to respond before conditions impact operations



Deploy monitoring in difficult locations

Install above open channels, intakes and other difficult-to-access water surfaces

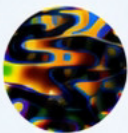


Dramatically reduce sensor maintenance

Non-contact. No biofouling.
Lower total cost of ownership.

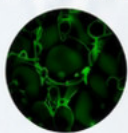


Earlier awareness of contaminants through surface detection



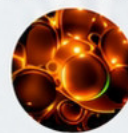
HYDROCARBONS

Oil & fuel sheens • spills • leaks



HABs

Algal activity • harmful algal blooms



ORGANICS

CDOM / fDOM • dissolved organics



PhotonTec™

Smart Sensing for Safer and Cleaner Tomorrow

+1 (770) 366-4137

Surface-First™
— Water Intelligence —

info@photontec.net

Monitoring the air-water interface—where many contaminants appear first.

www.photontec.net