

HOW

SURFACE-FIRST™ WATER INTELLIGENCE

SUPPORTS

WASTEWATER OPERATIONS

Continuous surface contaminant monitoring helps wastewater operators:



Detect hydrocarbons & organics earlier

Earlier awareness of changing wastewater surface conditions



Identify abnormal influent conditions sooner

Earlier visibility into changing influent characteristics



Support treatment process optimization

Respond earlier to changing wastewater conditions



Monitor effluent & industrial/illicit discharges

Continuous visibility into changing discharge conditions



Enable earlier operational response

More time to respond before conditions impact operations



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

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Surface-First™
— Water Intelligence —

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

www.photontec.net