

HOW

SURFACE-FIRST™ WATER INTELLIGENCE

SUPPORTS

STORMWATER MONITORING

Continuous surface contaminant monitoring helps organizations:



Detect hydrocarbons, HABs & organics earlier

Real-time awareness of key contaminants before they move downstream



Capture contamination events between sampling

Identify short-duration events often missed by periodic sampling



Detect runoff contamination & spills sooner

Support faster response, source investigation and illicit discharge detection



Strengthen stormwater monitoring programs

Add continuous awareness at outfalls, channels and retention areas



Complement existing monitoring programs

Works alongside submerged sensors and sampling. Deployable at hard-to-access and remote locations.



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