

SURFACE-FIRST™ WATER INTELLIGENCE

HYDROCARBON MONITORING

FOR SURFACE WATERS & INDUSTRIAL APPLICATIONS

EARLIER VISIBILITY INTO PETROLEUM CONTAMINATION

Oil and fuel sheens and slicks often appear first at the water surface, before contaminants mix deeper into the water column.

Continuous surface monitoring adds another layer of visibility alongside sampling, laboratory analysis and submerged sensors.



Detect surface contamination sooner

Monitor continuously, day and night, for hydrocarbons at the water surface.



Monitor where oils and fuels accumulate

Observe surface contamination before it disperses or mixes deeper into the water.



Eliminate biofouling maintenance

Non-contact monitoring from above the water surface avoids biofouling and minimizes maintenance.



Support timely alerts and response

Continuous monitoring can trigger alerts and guide investigation, containment, intake protection and spill response.



Protect diverse water environments

Monitor rivers, lakes, reservoirs, ports, stormwater, wastewater and industrial water systems.



MONITORING APPLICATIONS



Crude & Heavy Oils



Light Oils and Fuels



Spills, Leaks & Runoff

ALSO MONITORS



Algae & HABs



Organics (CDOM)



PhotonTec™

Smart Sensing for Safer and Cleaner Tomorrow



+1 (770) 366-4137

Surface-First™

— Water Intelligence —



info@photontec.net

Case studies available upon request.



www.photontec.net