



*Alexandrium fundyense*



## COMPANY PROFILE

Dartmouth Ocean Technologies is a Dartmouth, Nova Scotia company developing proprietary ocean platforms, micro-fluidic chemical and DNA analytics sensors into innovative commercial products.

## CONTACT US



25 Parker Street, Suite 202  
Dartmouth, Nova Scotia Canada  
B2Y 4T5

sales@dartmouthocean.com  
DartmouthOcean.com

## HAB HUNTER™ SAMPLER ENVIRONMENTAL DNA SAMPLER

The HAB Hunter™ Sampler is an autonomous eDNA sampler configured for the detection of harmful algae in fresh and salt water. Moored in place, towed behind a ship or attached to an AUV, the device samples its environment, logging and reporting on the presence of harmful Algae in near real-time and according to a pre-configured mission profile.

The HAB Hunter™ Sampler facilitates the early detection and response to Harmful Algal Blooms, enabling decision makers to proactively respond to these threats.

## HAB HUNTER™ SAMPLER FEATURES

- Automatic operation according to a pre-configured mission profile
- Enables near-real time, data-informed decision-making via a bi-directional communication interface
- Simultaneously detects multiple species or sub-species of Harmful Algae with each sample
- Reports on detected Harmful Algae
- Suitable for long-term, unsupervised deployment
- Rated to 60m operating depth
- Powered by a rechargeable NiCad battery (compatible with external DC power supplies)
- Environmentally friendly micro-fluidic architecture reduces the need for reagents and facilitates storage of waste products for later disposal