

- increase the risk of an oil spill event off the coast of Labrador.



Figure 2.

Northwest

routes are



- Bioremediation of spilled oil by indigenous hydrocarbonoclastic bacteria (HCB)³ is essential for eliminating oil that enters marine systems⁴.
- Biostimulation, supplementation of nutrients (e.g., nitrogen and phosphorous) to stimulate HCBs, has proven to be effective for nearshore marine oil spills⁵.
- Whether indigenous microbial communities can effectively biodegrade spilled
- The purpose of this research is to probe the coast of Labrador for a microbial response to hydrocarbon contamination, focusing on biostimulation as an

- 3. Biostimulation with nitrogen and phosphorous will increase the rate of biodegradation

Nutrient Amended Biodegradation of Hydrocarbon Contamination along Canada's Labrador Coast

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