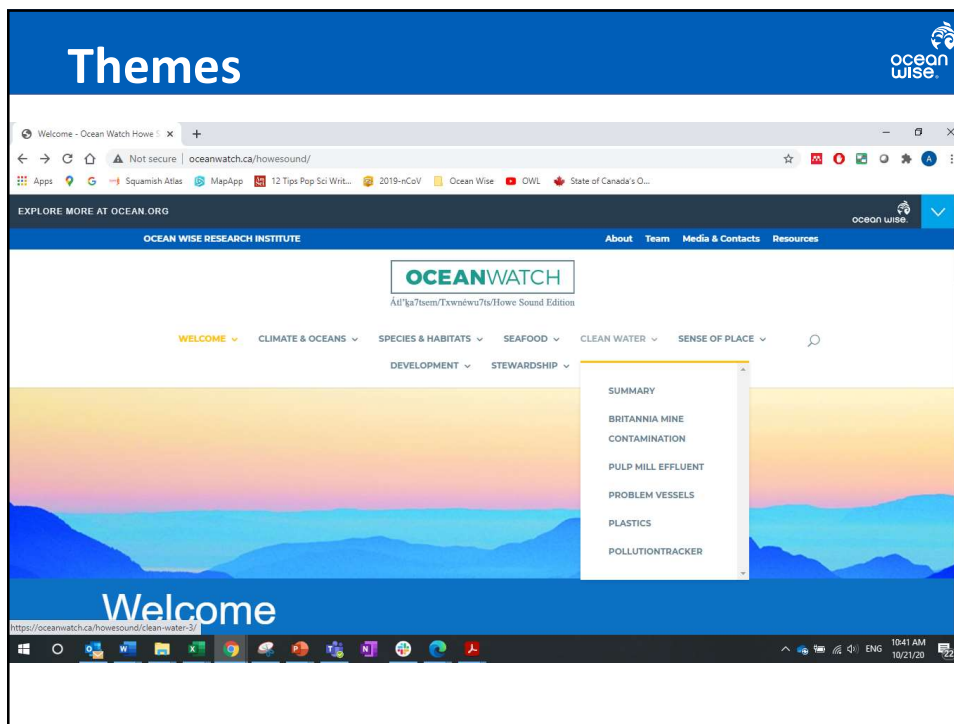




1



2



3

Ocean Watch Health Rating

| Clean Water | 2017 | 2020 |
|---|------|--------|
| BRITANNIA MINE Some improvements have been seen following wastewater treatment; however, exceedances of water quality guidelines are still occurring. | ⊕ | ⊕ |
| PULP MILL MARINE EFFLUENT Dioxin and furan contamination in sediment and benthic life is decreasing following regulations but is still detected. | ⊕ | ⊕ ↑ |
| WRECKED, ABANDONED, AND PROBLEM VESSELS The passage of Bill C-64, has increased resources available for removal of vessels; however, this is a complex issue and further refining of legislation is necessary. | ⊕ | ⊕ ↑ |
| POLLUTIONTRACKER NEW Dioxin and furan concentrations are high, especially in mussels, when compared with other areas along the B.C. Coast. Metals continue to be detected in sediments. | | ⊕ |
| PLASTICS NEW Plastics are ubiquitous in our oceans. However, within the Sound data for plastics and microplastics is lacking. | | ⊖ ⊗ |

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Short reports



OCEANWATCH

SPOTLIGHT

Pollution Hotspots in Killer Whale Habitat
Pinpointed by New Conservation Tool



OCEANWATCH


SPOTLIGHT

COVID-19: A Story of Marine Mammals



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Action Plan



Action 1. Research

INCREASE KNOWLEDGE OF THE LOCAL AREA AND SPECIES THROUGH RESEARCH.

1. Conduct baseline studies and ongoing monitoring of key indicator species and habitats to guide conservation actions.
2. Conduct ongoing monitoring of the impacts of climate change and ocean acidification to support adaptation and action.
3. Address key knowledge gaps that develop as knowledge increases.
4. Improve availability and sharing of data.
5. Increase participation and engagement of First Nations knowledge holders in Western science.

Action 2. Protect and Restore

PROTECT AND RESTORE MARINE SPECIES, HABITATS AND ECOSYSTEM SERVICES.

1. Create and implement a coordinated strategy for managing growth (population, tourism, development growth) sustainably throughout the Sound, to reduce impacts on the marine environment.
2. Increase the proportion of area protected within the Sound, with a particular focus on beach spawning habitat and critical habitats.
3. Work with the Federal, Provincial, First Nations and local governments to refine Bill C-64 to clarify the laws applied to abandoned, wrecked or problem vessels so location (on land or at sea), marine debris and waste management issues arising are covered.
4. Reduce entry of pollutants into the marine environment (e.g., plastics and microplastics, harmful chemicals and wastewater).

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Thank you – Questions?



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