xaɬəmət ct tə səlilwət

Water Quality Objectives for səlilwət (Burrard Inlet)

Anuradha Rao, M.Sc., R.P.Bio.

Treaty, Lands and Resources Department
səlilwətaɬ (Tsleil-Waututh Nation)



Art by Olivia George


NORTH AMERICA - WEST COAST
BRITISH COLUMBIA
BURRARD INLET
VANCOUVER HARBOUR
SECOND NARROWS
STANLEY PARK
CITY OF VANCOUVER
FAIRVIEW
MOUNT PLEASANT
səlilwətaɬ
Tsleil-Waututh Nation
PEOPLE OF THE INLET

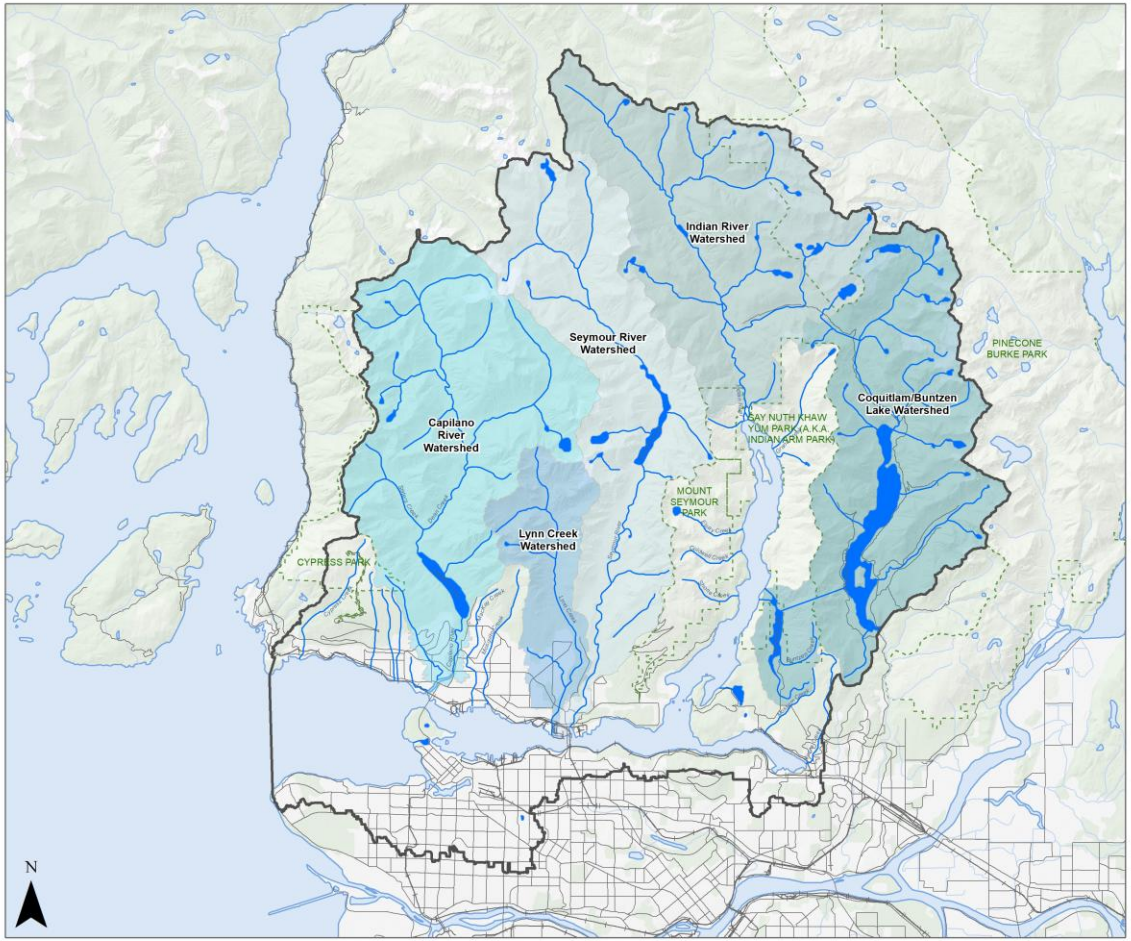
Map 1: Burrard Inlet Catchment and Tributary System

Please note the data presented on this map may not be complete in all areas

- Burrard Inlet Catchment (Study Area) (See Map 1a)
- Tributary (GOC 2018)

Major Watersheds

- Capilano River Watershed (DWV/DNV 2019)
- Coquitlam/Buntzen Lake Watershed (BC/COC 2019)
- Indian River Watershed (BC/DNV 2019)
- Lynn Creek Watershed (DNV 2019)
- Seymour River Watershed (DNV 2019)



This map is a living document and is intended to be amended and refined over time. It is not an expression of the location of Tsleil-Waututh aboriginal title. The data used to produce this map originate from many sources and are presented without prejudice. This map is the property of the Tsleil-Waututh Nation and may not be reproduced without written permission.

Data sources for Project: AECOM, Province of BC (BC), BC Hydro, Canadian Coast Guard (CCG), City of Burnaby (COB), City of Coquitlam (COC), Coastal and Ocean Resources-ShoreZone (COR), City of Vancouver (COV), City of Port Moody (CPM), Fisheries and Oceans Canada (DFO), District of North Vancouver (DNV), District of West Vancouver (DWV), Environment and Climate Change Canada (ECCC), BC Ministry of Environment and Climate Change Strategy (ENV), Burrard Inlet Environmental Action Program Environmental Quality Objectives and Monitoring Action Team (EQOMAT), BC Ministry of Forests, Lands and Natural Resources Operations & Rural Development (FLNRO), Government of Canada (GOC), Islands Trust (IT), Kerr Wood Leidal (KWL), Metro Vancouver (MV), Ocean Wise (OW), Pacific WildLife Foundation & Bird Studies Canada (PWFBSC), North Pacific Marine Science Organization (PICES), R. de Graaf/Sea Watch Society, Seacology (SC), SeaChange Marine Conservation Society (SCMCS), Tsleil-Waututh Nation (TWN), Vancouver Coastal Health (VCH), Vancouver Fraser Port Authority (VFPA).

Projection: NAD 1983 UTM Zone 10N | Map Scale: 1:225,000

Map produced January 2020 by the Tsleil-Waututh Nation

səlilwətaɬ
People of the Inlet



Our first grandfather was transformed from a wolf into a human being. When it was time for him to have a mate, the Creator gave him a vision that he was to dive off one of the tallest cliffs in Indian Arm, grab two handfuls of sediment from the floor of the Inlet and bring them back to the beach.

Our first grandmother was transformed from that sediment – our first grandmother comes from the Inlet.

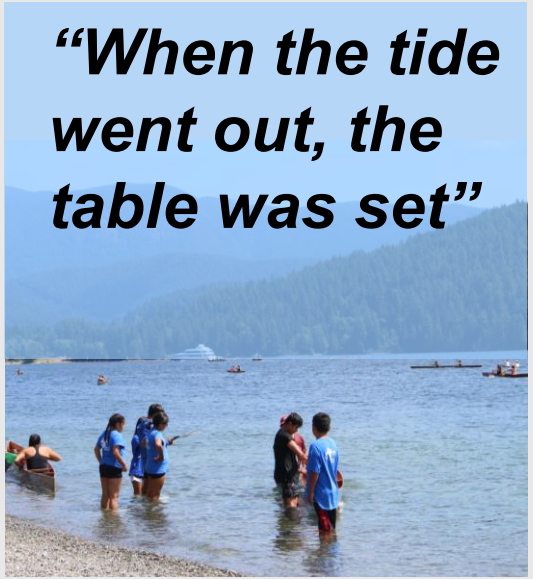
Art by Olivia George

səlilwətaɬ = People of the Inlet











səlilwətaɬ = People of the Inlet



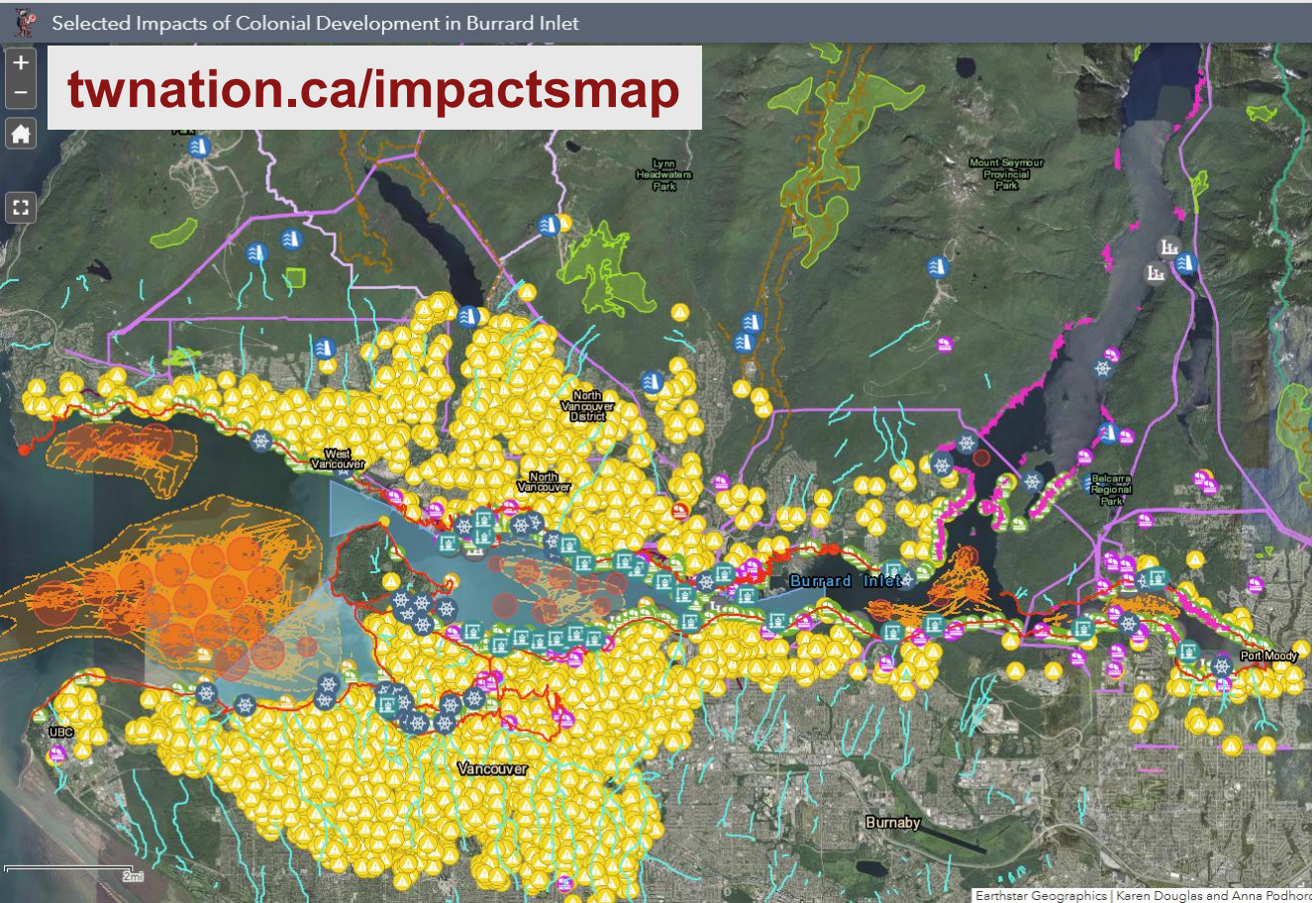








Cumulative Effects & Contamination



Legend

- Shipyard or Terminal
- Commercial/Industrial Anchorages
- Recreational Boating Use
- Private Recreational Docks
- Pre-Contact Shoreline (1792)
- Lost Streams of the Fraser Valley (DFO, 1988)
- Provincially Authorized Waste Water Discharges
- Municipal Stormwater Outfall
- Sanitary Sewer Overflow Outfall
- Combined Sewer Overflow Outfall
- Dams
- Environmental Remediation Sites (BC Contaminated Sites)
- Port Contaminated Sites
  - Contaminated Sites (Port)
- Federal Contaminated Sites
  - Site Status
  - Active
  - Suspected
- Marine Industrial Sites
- Forestry Roads
  - ACTIVE
  - RETIRED
- Cutblocks
- Power and Transmission
- Oil and Gas Infrastructure
- Rail and Infrastructure
- Navigational Fishing and Harvesting Closure
- Water Supply Areas Closed to Public
  - Capilano Water Supply Area
  - Coquitlam Water Supply Area
  - Seymour Water Supply Area
- British Columbia Coastal Anchor Marks
  - Anchor Scours
  - Anchor Scour Zones

Contaminants in səlilwət

700

Contaminants detected in səlilwət between 1971 and 2016

> 56

Contaminants exceeded benchmarks for water, sediment and/or tissue

> 600

Contamination entry points into tributaries

> 600

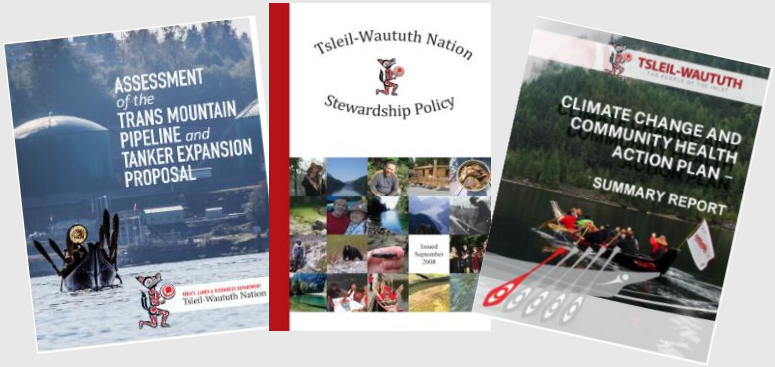
Contamination direct entry points into səlilwət



Bridging Vision to Action

"We have to weave all our knowledge together so that our grandchildren will be able to grow up on the mudflats like we did as kids."

- ***Carleen Thomas***





"10,000 years of knowledge is science"

- ***Leah George-Wilson***

Art by Olivia George

Burrard Inlet Action Plan



A science-based, First Nations-led initiative to improve the health of the Burrard Inlet ecosystem by 2025

***** BIAP update in progress *****

Goal A:
Improve water quality and reduce contamination

Strategy A-1:
Review and update water quality objectives for Burrard Inlet

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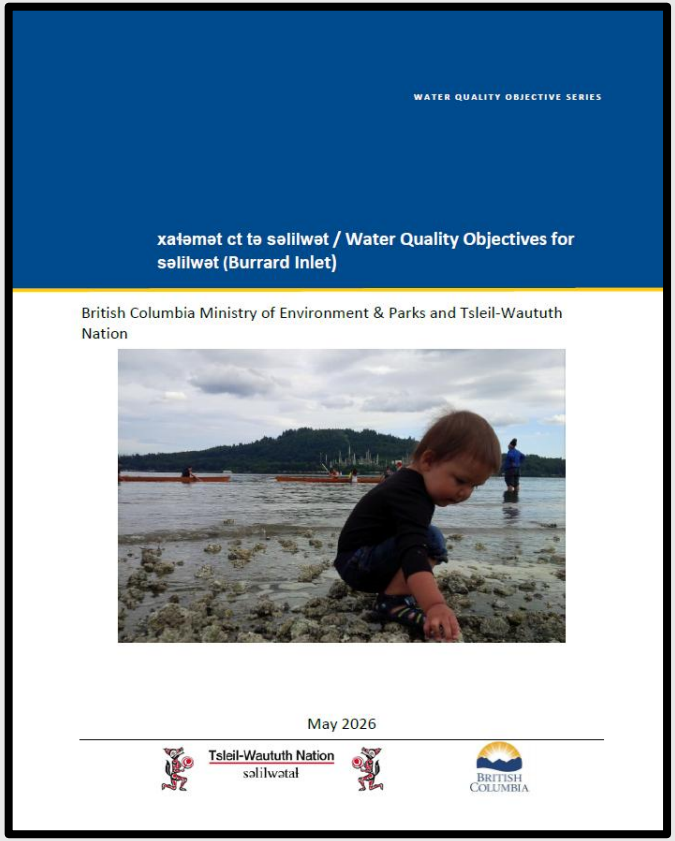
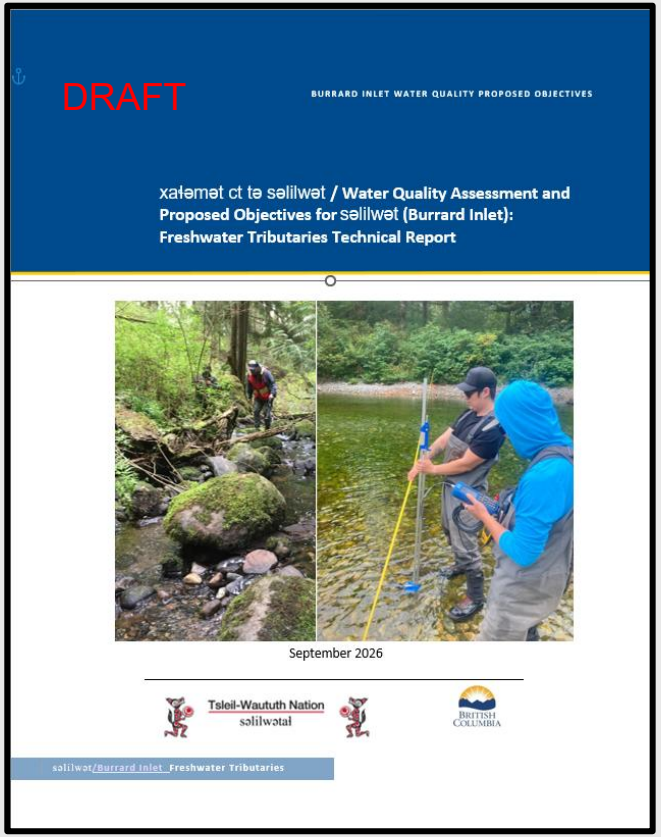
Water Quality Objectives for səlilwət (Burrard Inlet)

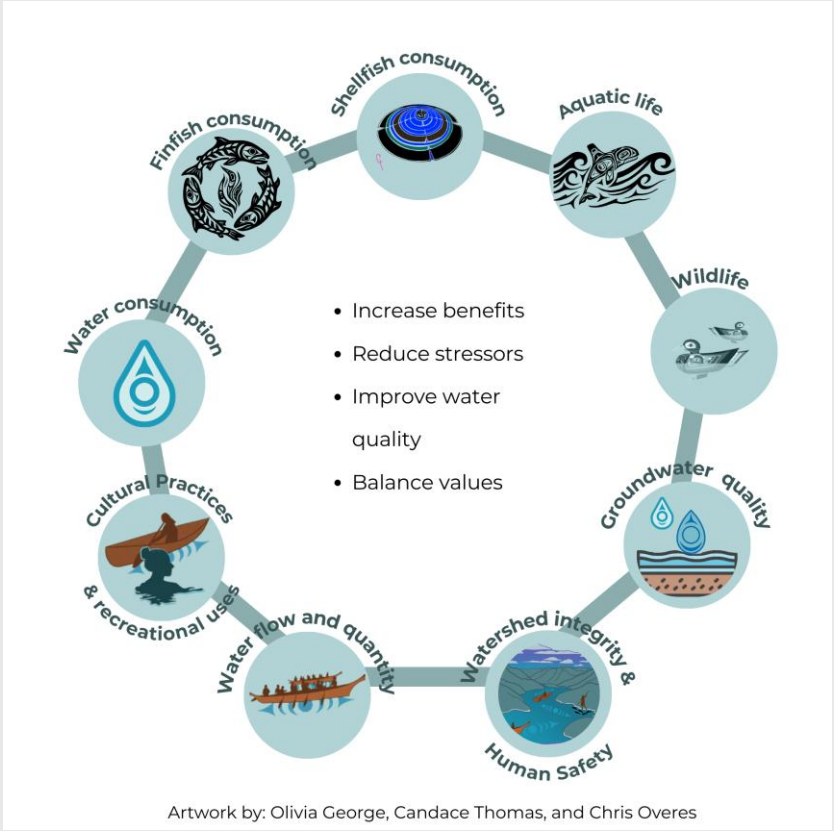




səlilwət Water Quality Vision and Values: Marine & Tributaries

"When the tide is out, the table is set."

"səlilwətaɬ teachings include that you should only put into the water what you can take out"

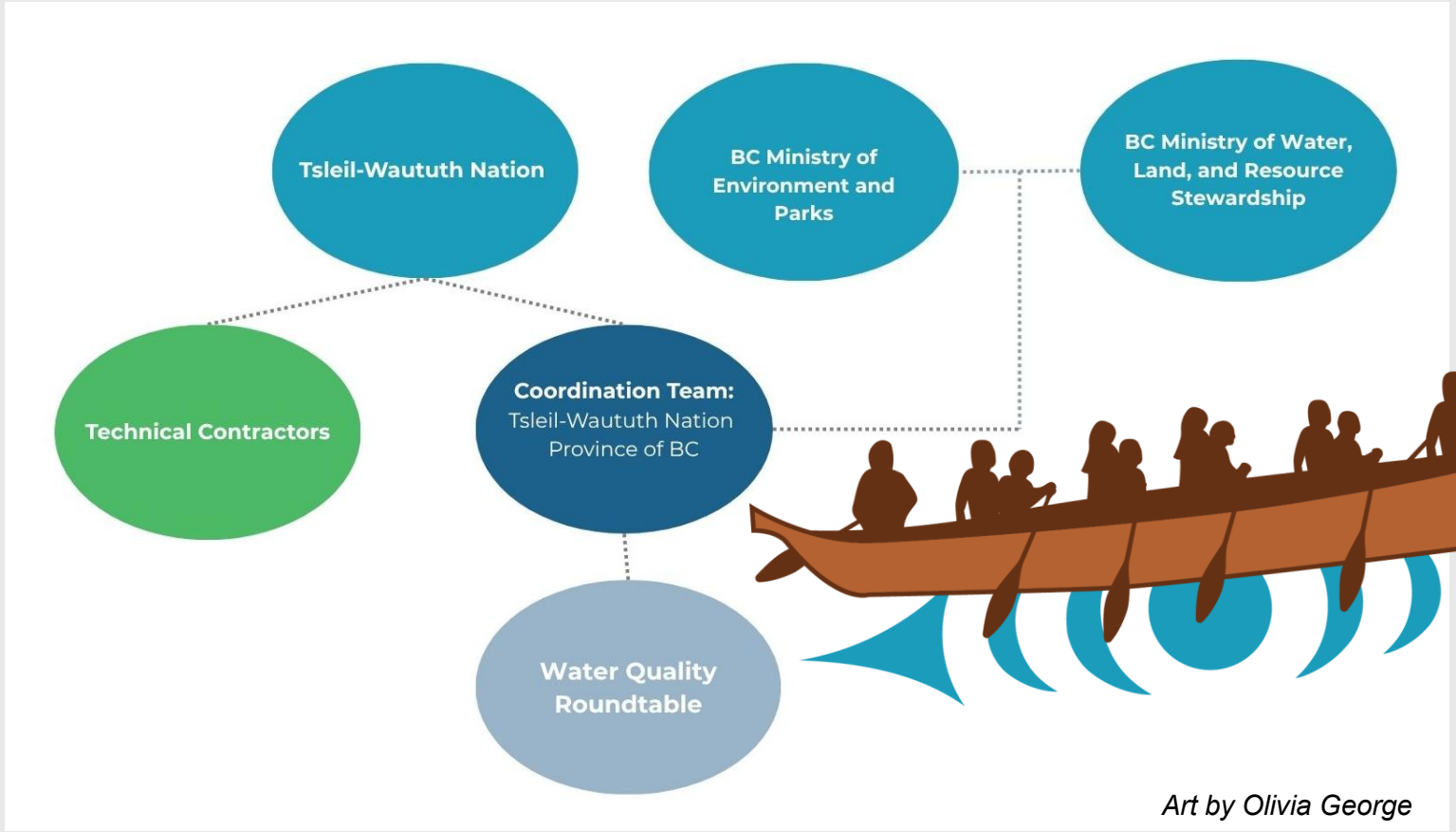




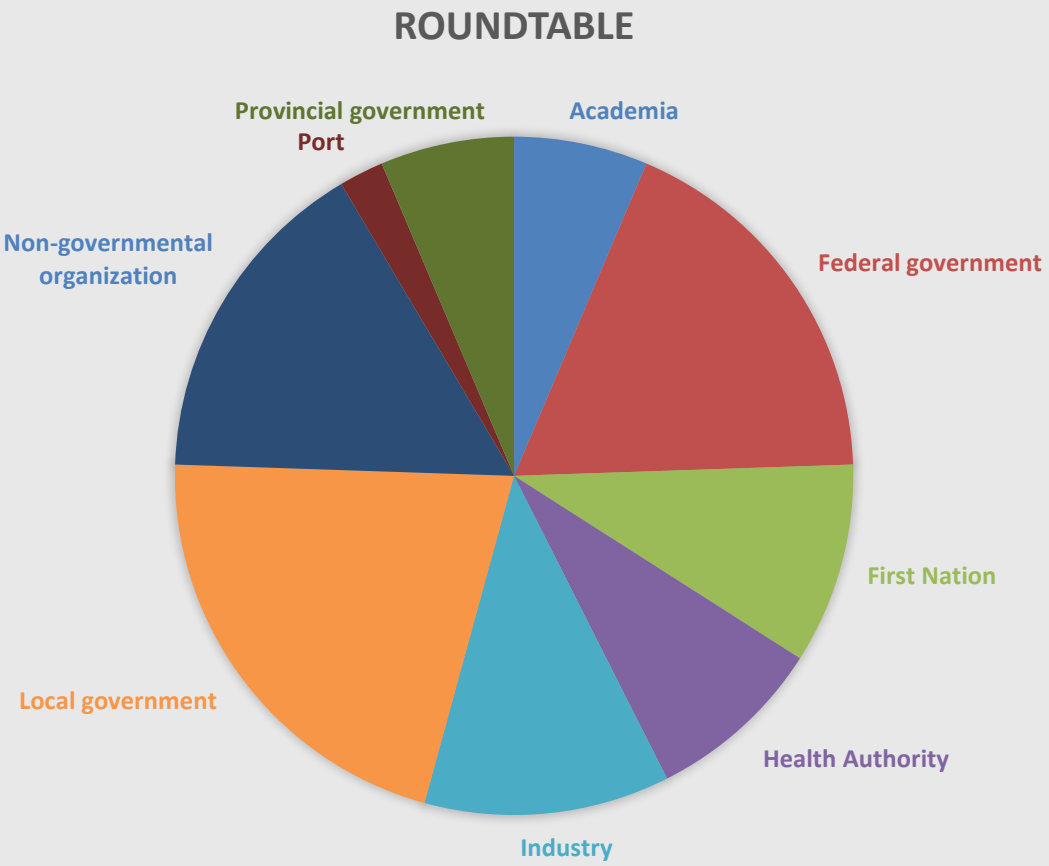
Groundbreaking Work

- **First** BC-First Nation co-approved water quality policy
- **Founded** on Indigenous values
- **Protects** collectively-identified water values
- **Merges** Indigenous and western science
- **Tissue** objectives to protect Indigenous seafood consumers
- **Convened** multiple sectors: input and review
- **Holistic** səlilwət basin-wide scale

Collaborative Decision-Making



səlilwət (Burrard Inlet) Water Quality Roundtable



Roundtable: > 90 members

Info list: > 160 members

Policy is the Means, Not the End

Goals:

- Attain Objectives
- Restore & protect water values
- Eat clams
- Restore way of life

Implementation by all is key



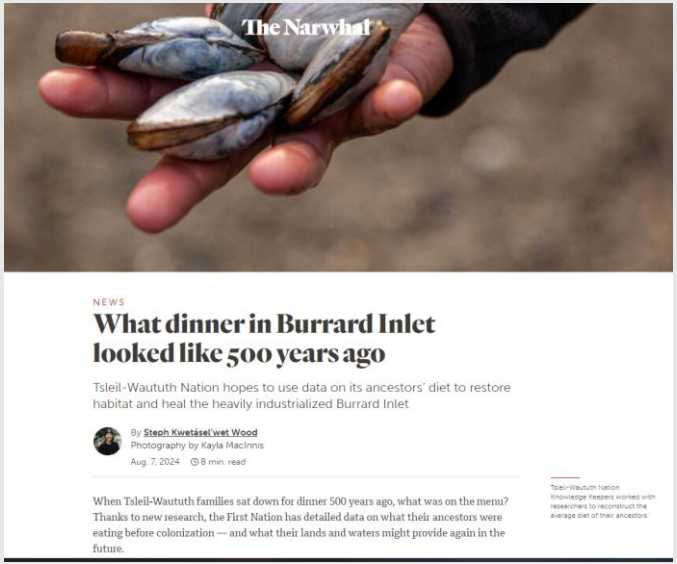


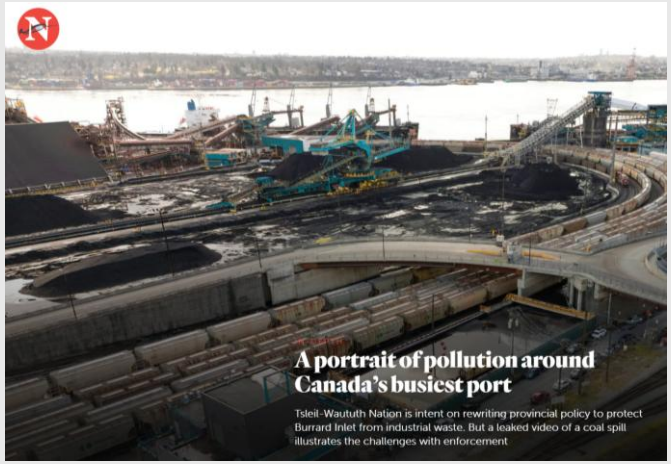
Communications



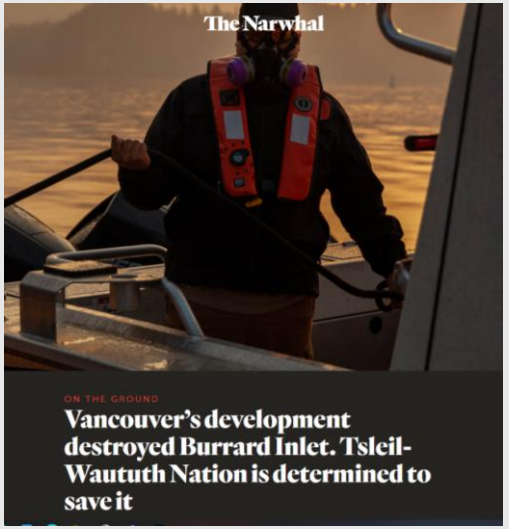
twnation.ca/stormwater











thenarwhal.ca/bc-burrard-inlet-pollution/

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Stewardship







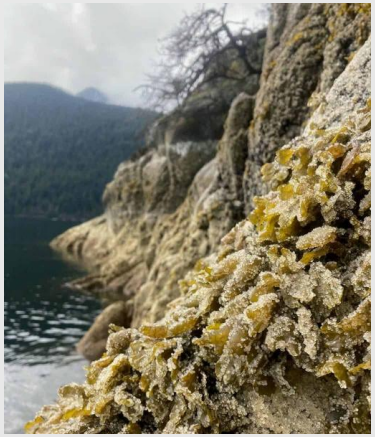






A Recovering Ecosystem





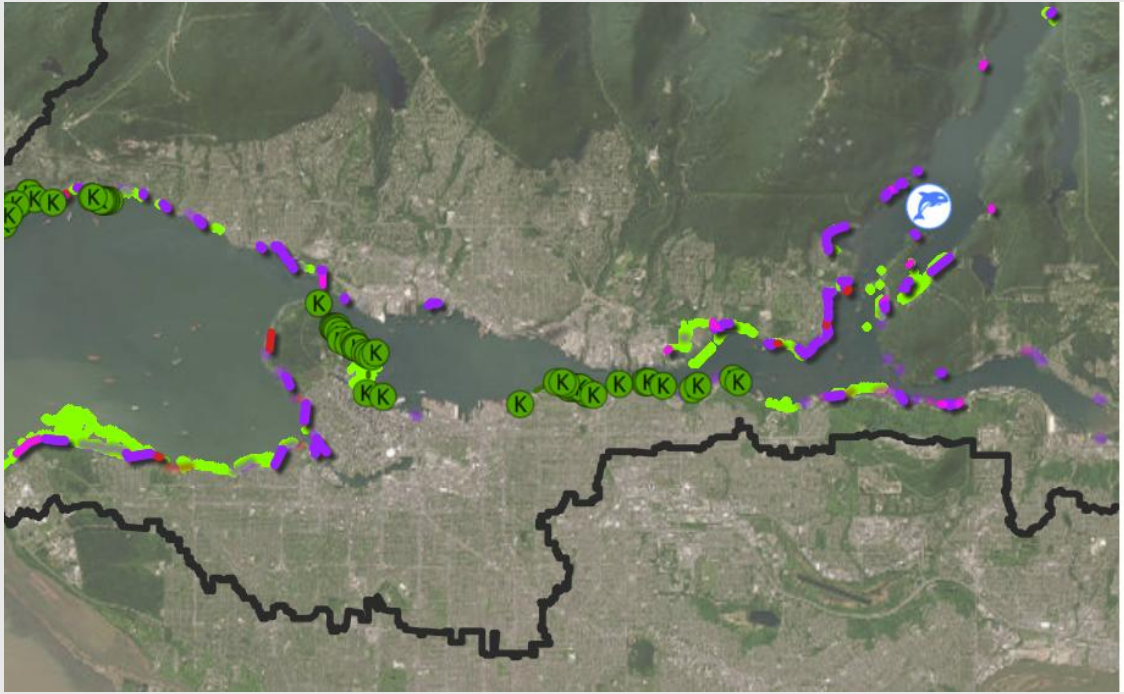


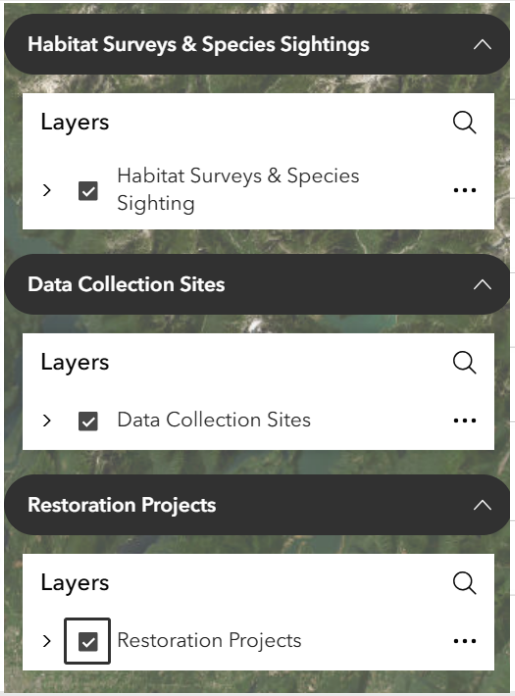




səlilwətaɬ Stewardship Initiatives

twnation.ca/stewardshipmap







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arao@twnation.ca

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