

## Leah Volkmann

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**From:** Anna Barford <anna@stand.earth>  
**Sent:** June 17, 2022 8:00 AM  
**To:** CRD Mailbox  
**Subject:** Motion at UBCM Protecting BC Coasts From Acidic Washwater Dumping  
**Attachments:** scrubbers\_infographic.pdf; 2022 06 17 letter for Cariboo RD from Stand.Earth.pdf

You don't often get email from anna@stand.earth. [Learn why this is important](#)

Good Morning,

Attached please find a letter for the Chair and Board of Regional Directors.

We are writing today as Stand.Earth to bring your attention to an important resolution that will be coming before UBCM to address acidic wastewater discharge in all waters off BC.

Thank you for your official consideration of our letter. Please do not hesitate to reach out to myself if I can be of assistance.

Many thanks,

**Anna Barford** | she/her  
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**STAND**.earth

Stand.earth challenges corporations and governments to treat people and the environment with respect, because our lives depend on it.



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17 June 2022

Chair and Board  
Cariboo Regional District

180 North 3rd Avenue, Suite D,  
Williams Lake, BC,  
V2G 2A4

Sent via: email

Re: Motion at UBCM Protecting BC Coasts From Acidic Washwater Dumping being brought forward by Vancouver

We are writing today as Stand.Earth to bring your attention to an important resolution that will be coming before UBCM, having passed unanimously at LMLGA, to address acidic wastewater discharge in all waters off BC.

It is well established that ocean acidification has devastating effects on marine life, aquaculture, and coastal communities dependent on a thriving ocean. In recent years a new device has been taken up in record numbers that is dumping catastrophic volumes of acidic wastewater directly into the ocean from vessels.

In order to mitigate sulphur air pollution from burning heavy oil, the maritime shipping industry employs exhaust gas cleaning systems (scrubbers) instead of simply switching to lower sulphur fuels which are already available on the market. Scrubbers result in a solution of concentrated acidic sulphates, metals, and other toxins that are dumped directly into the ocean while the ship is in operation.

Cruise and cargo vessel traffic in Canadian jurisdiction annually discharge tens of millions tonnes of this acidic washwater directly into the coastal waters of BC. [The International Council for the Exploration of the Seas](#) has found that scrubber washwater has lethal and sub-lethal effects on plankton, a critical component of marine ecosystems.



The Vancouver Fraser Port Authority is demonstrating regional [leadership](#) in preventing acidic wastewater dumping and is [phasing in a requirement simply for ships to burn cleaner fuels](#). They join the [Port of Seattle](#), Quebec's Port Sept-Iles, [The State of California](#) and ports [around the world](#) in taking steps to prevent the use of scrubbers and mandate a transition to cleaner fuels.

The resolution before UBCM is critical to bring this issue to the table with levels of government that have jurisdiction over territorial waters and can protect the Salish and Great Bear Seas. We urge you to support the motion "Protecting B.C.'s Coasts From Acidic Washwater Dumping" at the upcoming UBCM convention in September.

Thank you for your consideration of our letter. Please do not hesitate to reach out at [anna@stand.earth](mailto:anna@stand.earth) or call during daytime hours to 604-757-7029.

Sincerely,

Anna Barford  
Canada Shipping Campaigner  
Stand.earth  
Vancouver, BC

# We Need to Move Faster on the Ban of Marine Scrubbers in the Port of Vancouver and Across Canada

## WHAT ARE MARINE SCRUBBERS?

Marine Scrubbers were created as a **loophole** for ships to avoid switching to cleaner fuels in response to more strict 2020 sulfur emission guidelines.

Traditional shipping

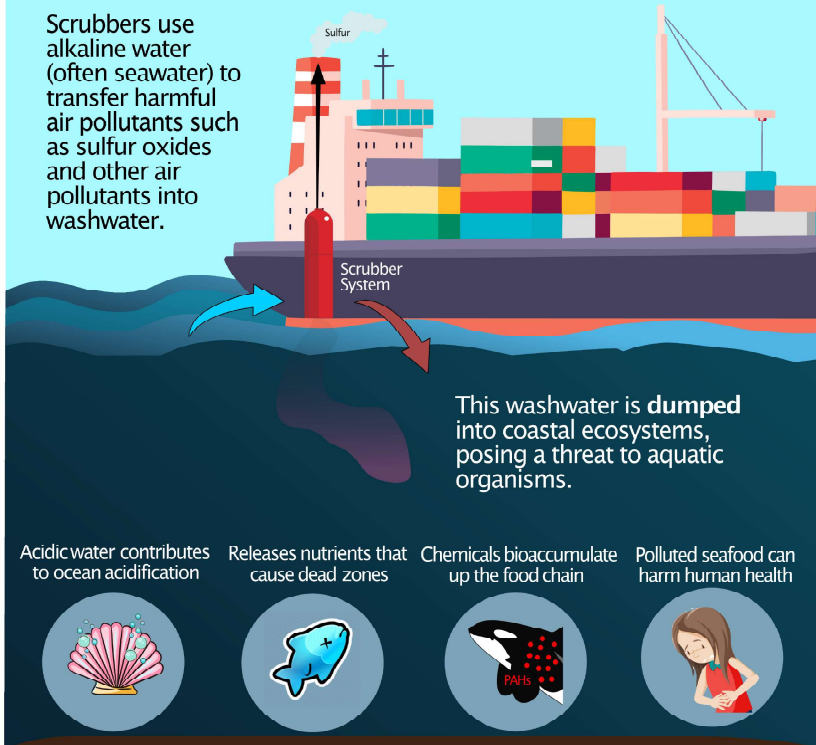
2020 Global limits

Scrubbers strategy



## WHY ARE SCRUBBERS BAD?

Scrubbers use alkaline water (often seawater) to transfer harmful air pollutants such as sulfur oxides and other air pollutants into washwater.

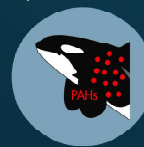


Acidic water contributes to ocean acidification

Releases nutrients that cause dead zones

Chemicals bioaccumulate up the food chain

Polluted seafood can harm human health



## WHAT IS BEING DONE LOCALLY?

The Port of Vancouver has enacted a 3 phase ban of scrubbers in its jurisdiction:

**Phase 1:** No scrubber discharge when ships are anchored in the Port

**Phase 2:** No scrubber discharge in all Port of Vancouver regulated waters

**Phase 3:** Ban on scrubbers in all Port of Vancouver regulated waters

March 1, 2022

TBD

TBD

Currently, **ships can still dump scrubber washwater** while moving in and out of port. We need to move faster to a full scrubber ban.

We also need **Canada-wide** legislation banning scrubber use to protect all Canadian waters.

## WHAT CAN YOU DO?

### 1. Get Talking



**Spreading awareness** about the issue helps to put more pressure on local and federal governments to **ban scrubbers now**.

### 2. Put Pressure on Government



@Transport\_gc

Write an **e-mail** to your local MP or **tweet** Transport Canada.

**#banscrubbers #nodumping**



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