



Ministry of
Land, Water and
Resource Stewardship

BC Invasive Mussel Defence Program: 2023 Season Update

June 7th 2023
Columbia River Basin Meeting
Boise, ID

Invasive Mussel Defence Program



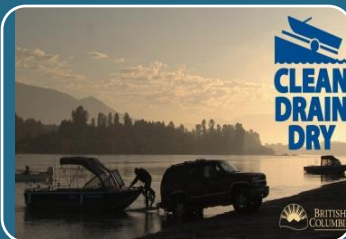
Watercraft Inspection Stations

- Launched in 2015, over 200,000 inspections completed
- Program operations delivered by Conservation Officer Service



Early Detection Lake Monitoring

- Sampling for presence of invasive mussels since 2011
- Sampling in priority waterbodies across the province



Outreach & Education

- Clean, Drain, Dry messaging for invasive mussels and other Aquatic Invasive Species
- Over 400,000 outreach interactions at inspection stations

Thank You to Our Program Funding Partners!



Fisheries and Oceans
Canada



FORTIS BC™



Ministry of
Environment and
Climate Change Strategy



Ministry of
Water, Land and
Resource Stewardship



Ministry of
Agriculture
and Food

Other Partners include: PNWER, NAISC, Columbia River Basin, Western Regional Panel, HCTF, ISCBC, regional invasive species organizations

Regulatory Tools



Controlled Alien Species Regulation BC *Wildlife Act*



Schedule 4 Prohibited Species (Alive or Dead):

- Prohibited to possess, breed, transport or release

Family Dreissenidae

Zebra Mussel

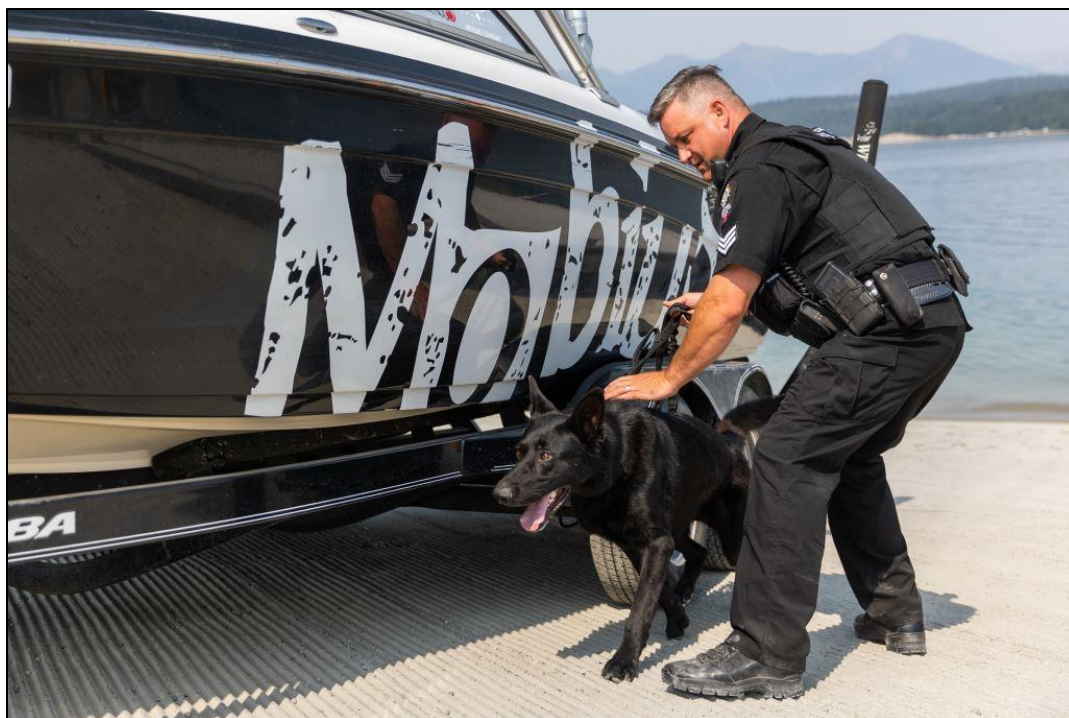


Quagga Mussel



Aquatic Invasive Species K9 Unit

K9 Major and Sgt. Chretien



K9 Kilo and Sgt. Bartol

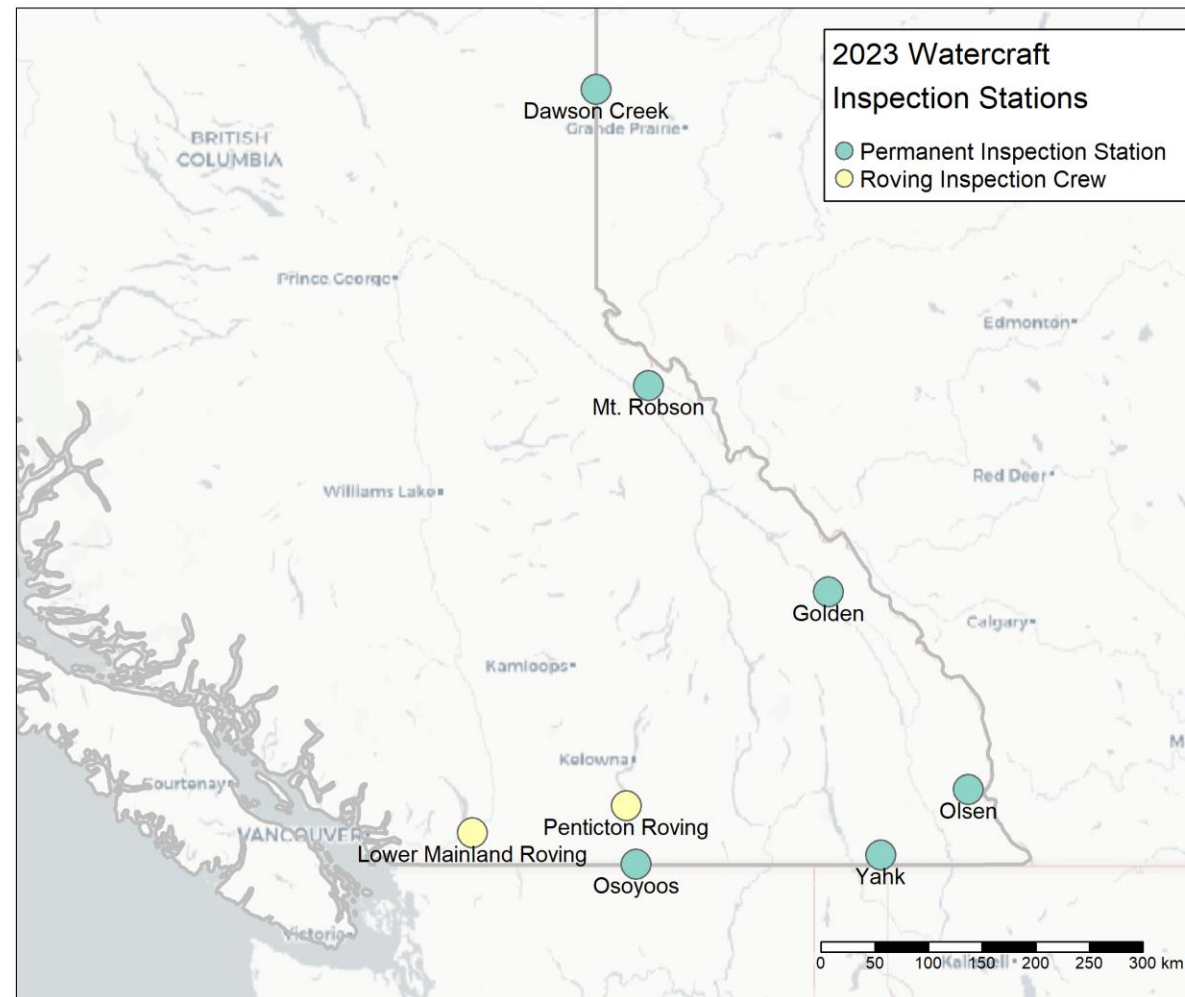




2023 Season Updates

2023 Inspection Stations

- 49 Auxiliary Conservation Officers
- 6 stations & 2 roving crews (Okanagan & Lower Mainland)
- Operational April to October with full staffing from June to late August



2023 Watercraft Inspection Data



	2023
Total Inspections	1,400
High Risk Inspections	27
Mussel Fouled Boats	2
Decontaminations Performed	7
Total interactions with the public	2,300

Updated Invasive Mussel Economic Report

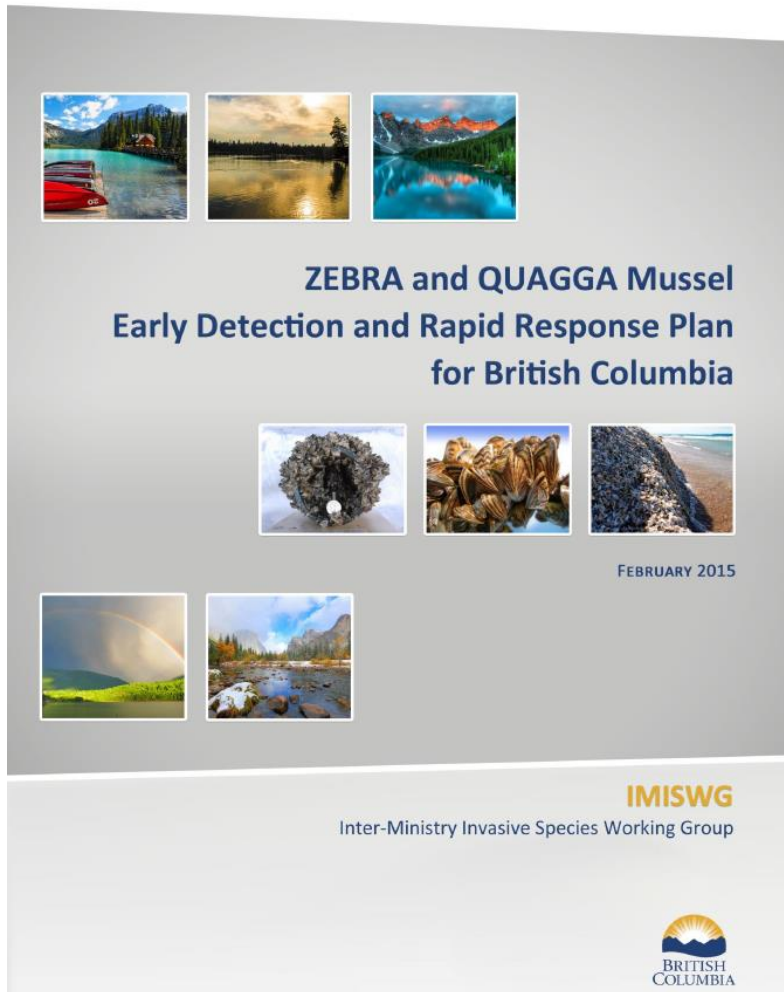
- This report is an update to the 2013 estimate which estimated the annual impacts to be \$43M CAD (\$53.4M in 2022 CAD)
- The updated report includes additional sectors such as tourism and property values
- Updated annual cost estimates range **from \$64 to \$129 million**



Potential Economic Impact of
Zebra and Quagga Mussels in
B.C.

MAY 2023


Early Detection Rapid Response (EDRR) & Incident Command System Training



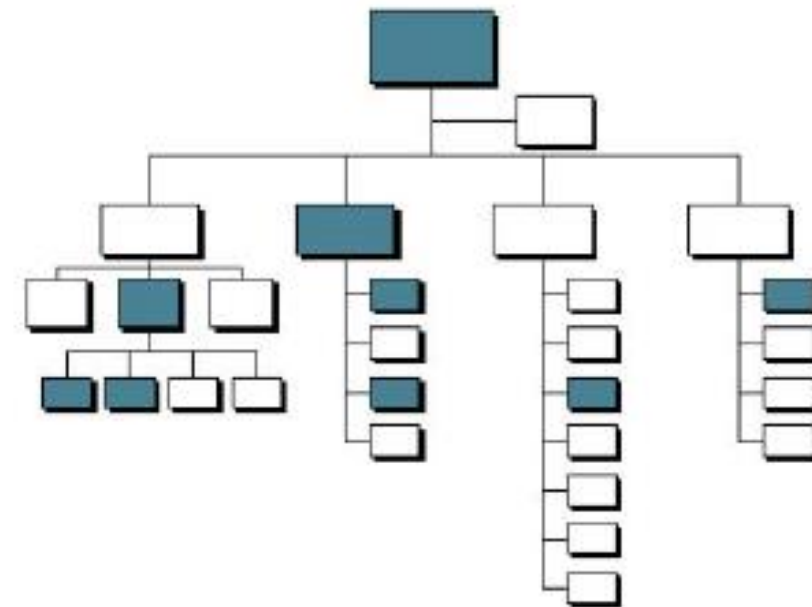
**ZEBRA and QUAGGA Mussel
Early Detection and Rapid Response Plan
for British Columbia**

FEBRUARY 2015

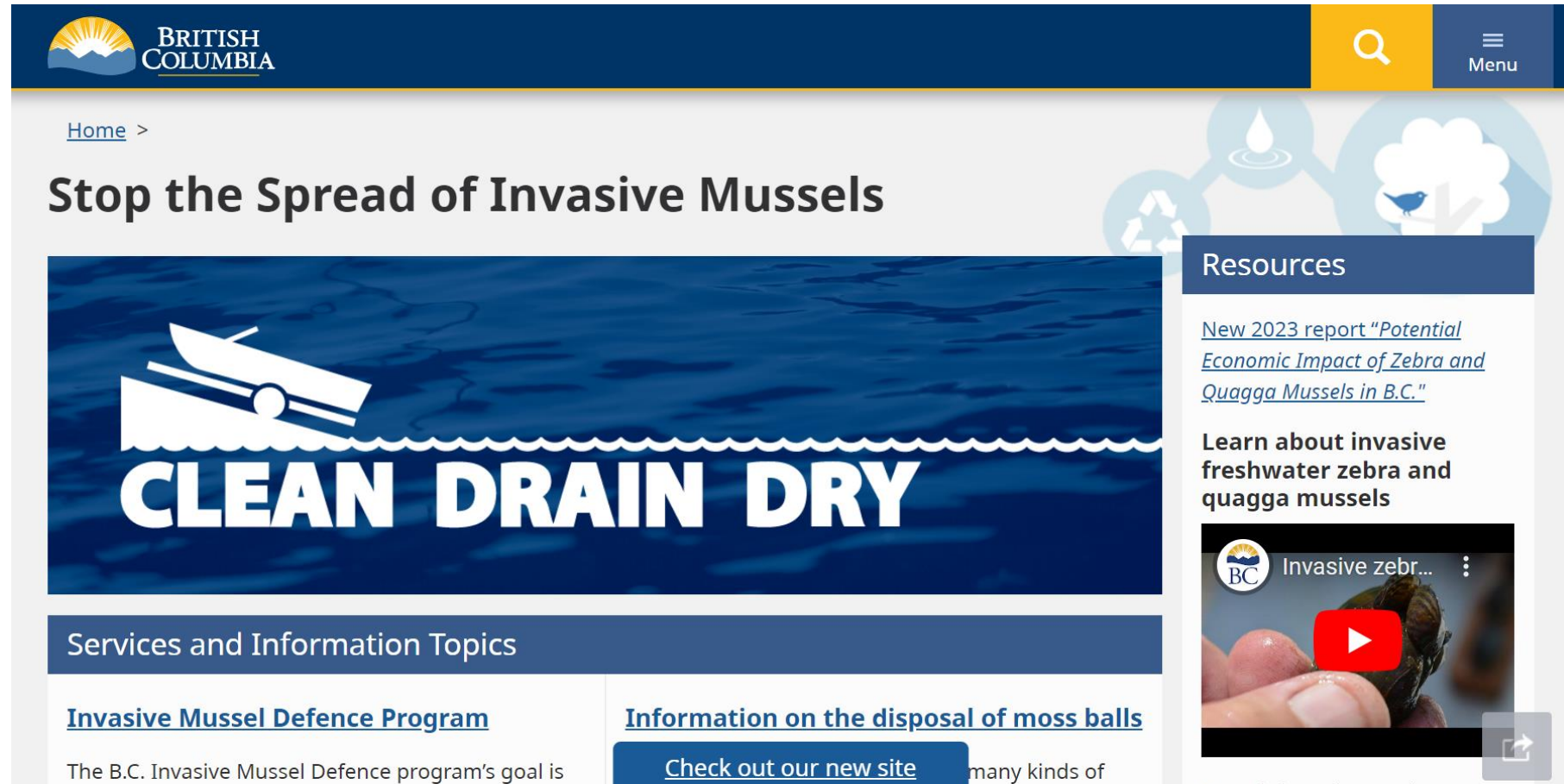
IMISWG
Inter-Ministry Invasive Species Working Group



ICS Structure



Program Resources



The screenshot shows the website's header with the British Columbia logo, a search icon, and a menu icon. Below the header is a breadcrumb trail for 'Home' and a main heading 'Stop the Spread of Invasive Mussels'. A large banner features a boat icon and the text 'CLEAN DRAIN DRY'. To the right, a 'Resources' sidebar lists a new 2023 report and a video about zebra and quagga mussels. The main content area includes a section for 'Services and Information Topics' with links to the 'Invasive Mussel Defence Program' and 'Information on the disposal of moss balls', along with a 'Check out our new site' button.

BRITISH
COLUMBIA

Home >

Stop the Spread of Invasive Mussels

CLEAN DRAIN DRY

Resources

[New 2023 report "Potential Economic Impact of Zebra and Quagga Mussels in B.C."](#)

Learn about invasive freshwater zebra and quagga mussels

[Invasive zebra...](#)

Services and Information Topics

[Invasive Mussel Defence Program](#)

The B.C. Invasive Mussel Defence program's goal is

[Information on the disposal of moss balls](#)

[Check out our new site](#) many kinds of

www.gov.bc.ca/invasivemussels

Questions?

