

Preventing the Spread of Invasive Mussels: A regional perimeter defense strategy



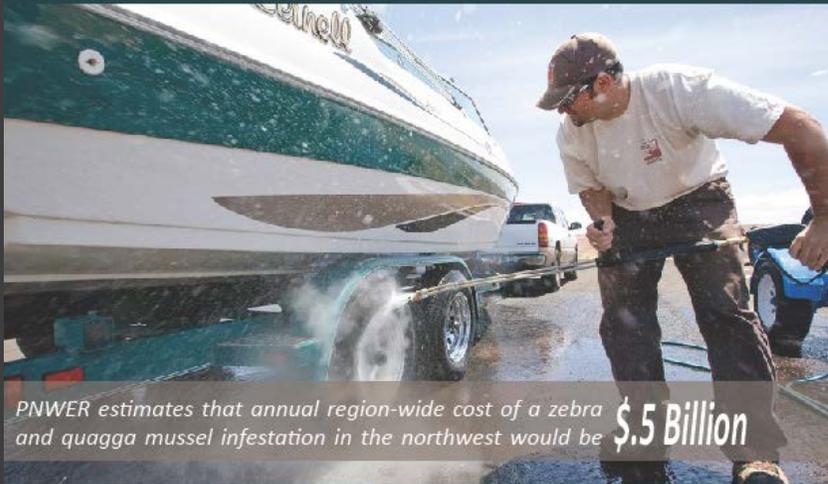
*Pacific NorthWest
Economic Region*



Zebra and Quagga Mussels: An invasive threat to the region's economy and environment

Advancing a Regional Defense Against Invasive Mussels

A REPORT PREPARED BY THE PACIFIC NORTHWEST ECONOMIC REGION AND PACIFIC STATES
MARINE FISHERIES COMMISSION



PNWER estimates that annual region-wide cost of a zebra and quagga mussel infestation in the northwest would be **\$0.5 Billion**

- Invasive zebra and quagga mussels change water quality and attach themselves to surfaces damaging hydropower facilities, irrigation pipelines, fish hatcheries, and industry
- The Pacific Northwest is the last major region in North America that does not have these invasive species

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\$500 million



WRRDA funds – Federal Gov. Support for Mussel Prevention

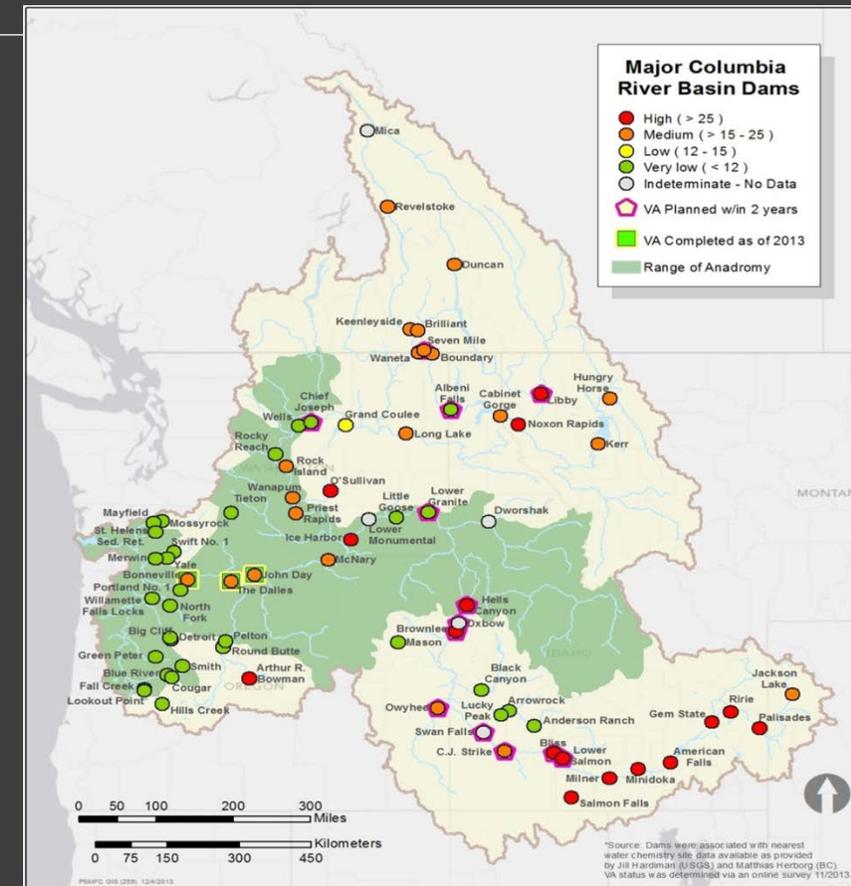
Water Resources Development Act (signed June 2014)

■ Section 5007

- Authorizes the Secretary (of the Army) to establish a program to prevent and manage aquatic invasive species in the Columbia River Basin in Idaho, Montana, Oregon, and Washington. Directs the Secretary to establish watercraft inspection stations in the Basin at locations having the highest likelihood of preventing the spread of such species into reservoirs operated and maintained by the Secretary.”
- Authorizes the Secretary to conduct monitoring and contingency planning that includes conducting risk assessment of each major public and private water resources facility in the Basin, establishing an AIS monitoring program in the Basin, establishing a Basin watershed-wide plan for expedited response to an AIS infestation, and monitoring water quality at facilities owned or managed by the Secretary in the Basin.

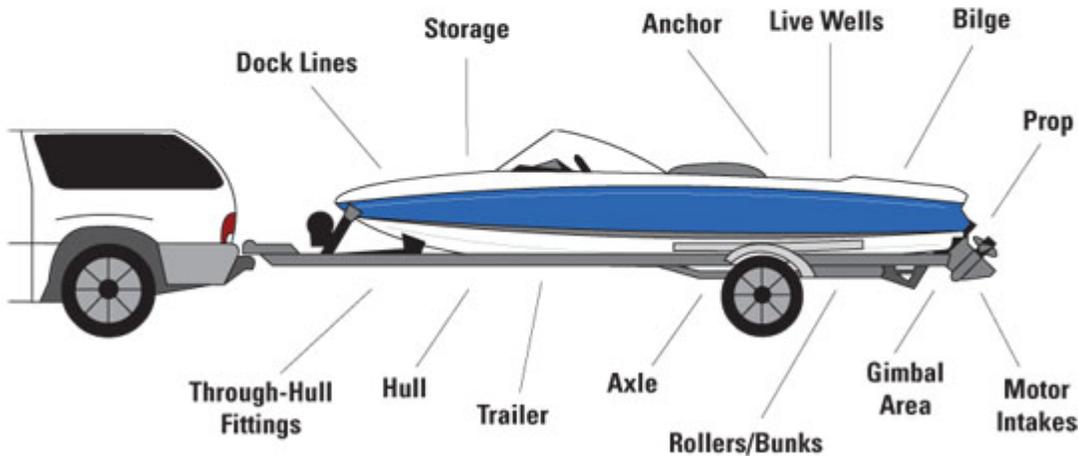
Fiscal Year 2016

- \$4 Million appropriated under WRRDA for watercraft inspection in the Columbia River Basin
- One to One match with the four states – OR, WA, ID, MT
- Administered by USACE



Washington's Program

Before launching and before leaving...
Inspect everything!



\$2 boat registration fee, brings in \$490K annually.

Portion goes to Ballast Water Program, only **\$250-300K** goes to watercraft inspection and mussel monitoring

Washington's Program, cont.



- The Washington Invasive Species Council is a key partner in preventing the spread of aquatic invasive species into the state
 - Performing outreach
 - Raising awareness
 - Acting as the voice of Washington across the region

Summary

I. Support the continued appropriation of the \$4 million in WRRDA funds in the fiscal year 2017 budget for the four states

- See Draft resolution

II. Support the reauthorization of the Washington Invasive Species Council

II. Continue to support and grow the program in the state of Washington

- WRRDA funds require a one-to-one match