



U.S. Department of the Interior Invasive Mussels Initiative

COLORADO RIVER AQUATIC INVASIVE SPECIES TASK FORCE AND
LAKE HAVASU QUAGGA COORDINATION TEAM JOINT MEETING

FRIDAY, FEBRUARY 16th, 2018

Hilary Smith, Senior Advisor for Invasive Species
U.S. Department of the Interior

Invasive Mussels: High Impact Invaders



Foundational and Ongoing Work



- Aquatic Nuisance Species Task Force
- Western Regional Panel
- Quagga Zebra Mussel Action Plan (QZAP)
- Building Consensus in the West
- 100th Meridian Initiative
- Missouri River Basin Team
- Columbia River Basin Team
- Colorado River Fish and Wildlife Council
- American Boat and Yacht Council partnership
- State Aquatic Nuisance Species Management Plans





*...Fall 2016 detection of invasive mussel
larvae in Tiber and Canyon Ferry Reservoirs,
Montana...*

DOI Invasive Mussels Initiative: Purpose and Process



Purpose:

- Identify opportunities for the federal government to strengthen efforts, in coordination with states and tribes, to address invasive mussels in the Columbia River Basin and across the West

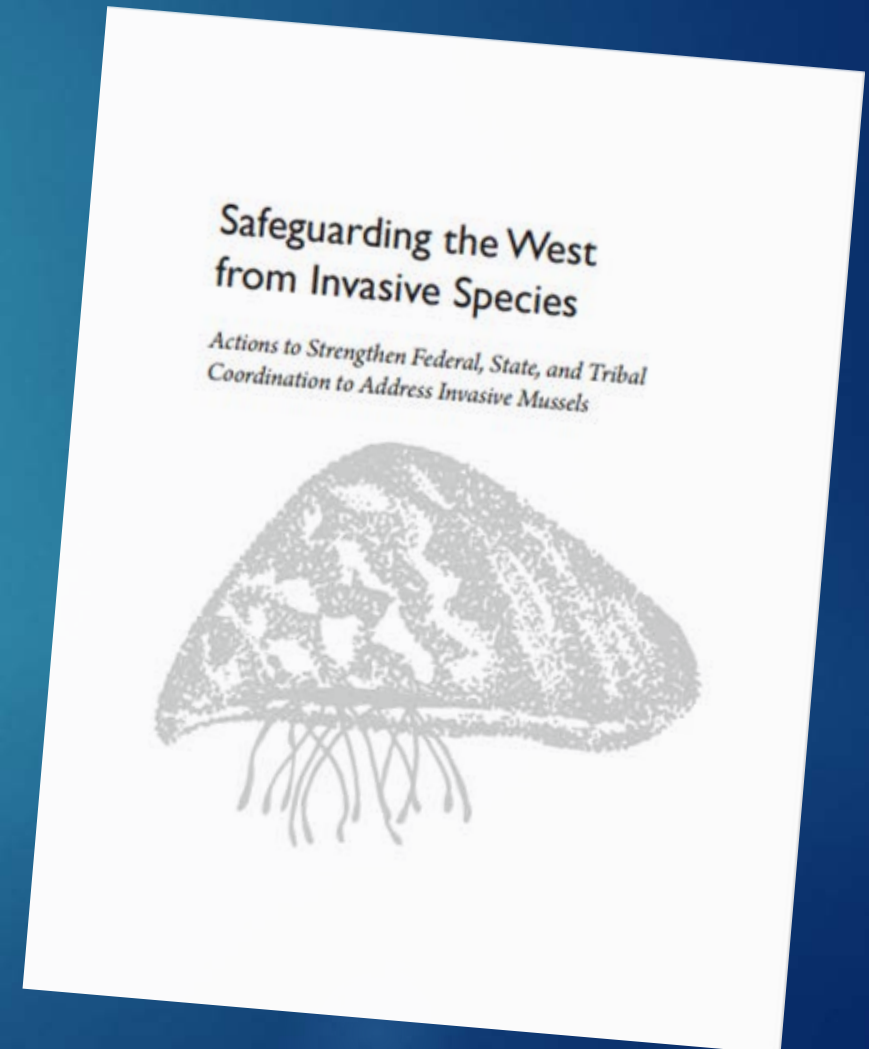
Process:

- DOI Leadership Team Initiative, with Western Governors' Association
- Six Intergovernmental Subcommittees
 - Aquatic Infrastructure
 - Inspection and Decontamination
 - Monitoring
 - Research and Innovation
 - Education and Outreach
 - Policy and Coordination
- Proposed Commitments
- Roll out at June 2017 Columbia River Basin Team Meeting

DOI Invasive Mussels Initiative: Action Items



- 40+ Action items
- DOI, BIA, BLM, BOR, NPS, USFWS, USGS
 - in partnership with others
- Short- to Long-term
- Ongoing and New
- Columbia River, Lower Colorado and Beyond
- QZAP Categories
 - Prevention
 - Early Detection Monitoring
 - Rapid Response
 - Containment and Control
 - Outreach and Education
 - Research
 - Increasing Capacity



DOI Invasive Mussels Initiative: Examples



- Develop **vulnerability assessments for facilities and infrastructure** at risk of mussel infestations in the Columbia River Basin (Reclamation)
- Support **watercraft inspection stations and K-9 inspection units on the Blackfoot Indian Reservation**, through BIA project funding (BIA)
- Explore options for sharing **information on trailered boats in regional database** (NPS)
- Explore establishment of **regionally coordinated early detection monitoring program** in the Columbia River Basin (USGS)

DOI Invasive Mussels Initiative: Examples Con't



- Develop **multi-jurisdictional containment strategy from Lake Havasu and downstream** (BLM)
- Maintain or enhance **containment programs at contaminated waters on the Colorado River** (NPS)
- Evaluate **NPS policy on watercraft and inspection** (NPS)
- Complete **Endangered Species Act consultation and reference manual** to facilitate rapid response in the Columbia River Basin (USFWS)

DOI Invasive Mussels Initiative: Implementation and Outreach



- **Implementation**

- In process
- Coordination w/existing efforts
- Tracking progress
- Monthly calls
- Preparing progress report

- **Outreach**

- Western Governors' Association
- Columbia River Basin Team
- Western Aquatic Invasive Species Summit
- Pacific NorthWest Economic Region
- Pacific Northwest States Council Meetings
- Glen Canyon Dam Adaptive Management Work Group
- As requested



DOI rolled out this initiative at the Columbia River Basin Team Meeting in Helena in June.



Bureau of Reclamation 2017 and 2018 Spending Plans

In Fiscal Year 2017 (enacted), Reclamation's budget included an increase of \$1 million for on-the-ground work for mussel's activities

As part of DOI's Mussels Initiative in the West, Reclamation was allocated \$4.5M in the proposed FY18 budget for mussels activities

Spend plans were created for both fiscal years: FY17 Complete; FY18 is currently being implemented - under continuing resolution



Next Steps, Questions & Discussion

Contact Information

Hilary Smith, Senior Advisor for Invasive Species,
DOI, 202-208-4103, hilary_smith@ios.doi.gov