

LAKE POWELL QUAGGA MUSSEL UPDATES

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COOPERATIVE CONTAINMENT



- Exit inspections at five main launch ramps → seal applications & recording in ANS database
- Decontamination of select boats
- Mussel boats → Mussel Boat Movement Notifications
- Coordinated Outreach

LAKE POWELL PROGRAMS

- Local Boater Program
- Commercial Hauler Program
- Rental Company Program
- Private Decontamination Services



EVOLVING SITUATION

- Floating mussels
- Mussels in sea strainers
- Every departing boat considered at-risk for mussels
- → long wait times for inspection/decontamination
- → dozens of quarantines throughout Utah



RESPONSES

- Revised inspection and decontamination protocols to account for mussels in sea strainers
- Additional staff and hours of operation
- Expanded outreach, including a letter from UT Governor
- Partnered with NPS and BOR to conduct veliger/adult viability study in ballast tanks

INTERDICTION NUMBERS -- LAKE POWELL

Year	Interdictions	Decontaminations
2017	51,000	2,500
2018	65,000*	4,200

* Does not include boats enrolled in local boater program

IN DEVELOPMENT

- Highway inspection stations outside of Lake Powell
- Increasing capacity through better use of space, engaging private industry
- Further research on mussels in ballast tanks
- Explore alternative methods for decontamination



THANKS TO OUR PARTNERS!

- National Park Service
- Arizona Game & Fish Department
- U.S. Fish & Wildlife Service
- U.S. Bureau of Reclamation

