

RAPID RESPONSE IN THE COLUMBIA BASIN

PRESENTERS

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RAPID RESPONSE IN THE CRB

- 2007 – Vancouver, WA Exercise
- 2008 – CRB Interagency Response Plan completed
- 2008 – Portland, OR Exercise
- 2009 – Boise, ID Exercise
- 2010 – Lake Roosevelt, WA Exercise
- 2011 – Lake Koocanusa, MT Exercise
- 2013 – Prineville, OR Exercise
- 2014 – CRB Interagency Response Plan updated
- 2016 – Jackson Lake, WY Exercise
- 2017 – Wenatchee, WA Exercise
- 2018 – Kalispell, MT Exercise
- 2019 – Hells Canyon of the Snake River, ID Exercise
- 2019 – crbdirt.com site launched
- 2020 – Lake Billy Chinook, OR Exercise - Virtual

VIRTUAL RAPID RESPONSE EXERCISE - OREGON

Lake Billy Chinook

May 21-22, 2020



MULTI-PARTNER DISCUSSIONS

- Confederated Tribes of Warm Springs
- Oregon Department of Fish and Wildlife
- Oregon Department of Agriculture
- Oregon Department of Environmental Quality
- Oregon Parks and Recreation Department
- Oregon Governors Office
- Oregon State Marine Board
- Pacific States Marine Fisheries Commission
- Portland General Electric
- National Oceanic and Atmospheric Administration
- US Fish and Wildlife Service

EXERCISE OBJECTIVES

- Update the Oregon Rapid Response Plan
- Test the crbdirt.com site for functionality and use
- Use the ESA Manual for Sec. 7 Consultation
- Expand communication capabilities
- Share information post-exercise with additional partners and stakeholders
- Document lessons learned to enhance utility of future CRB RR exercises

EXERCISE SCENARIO

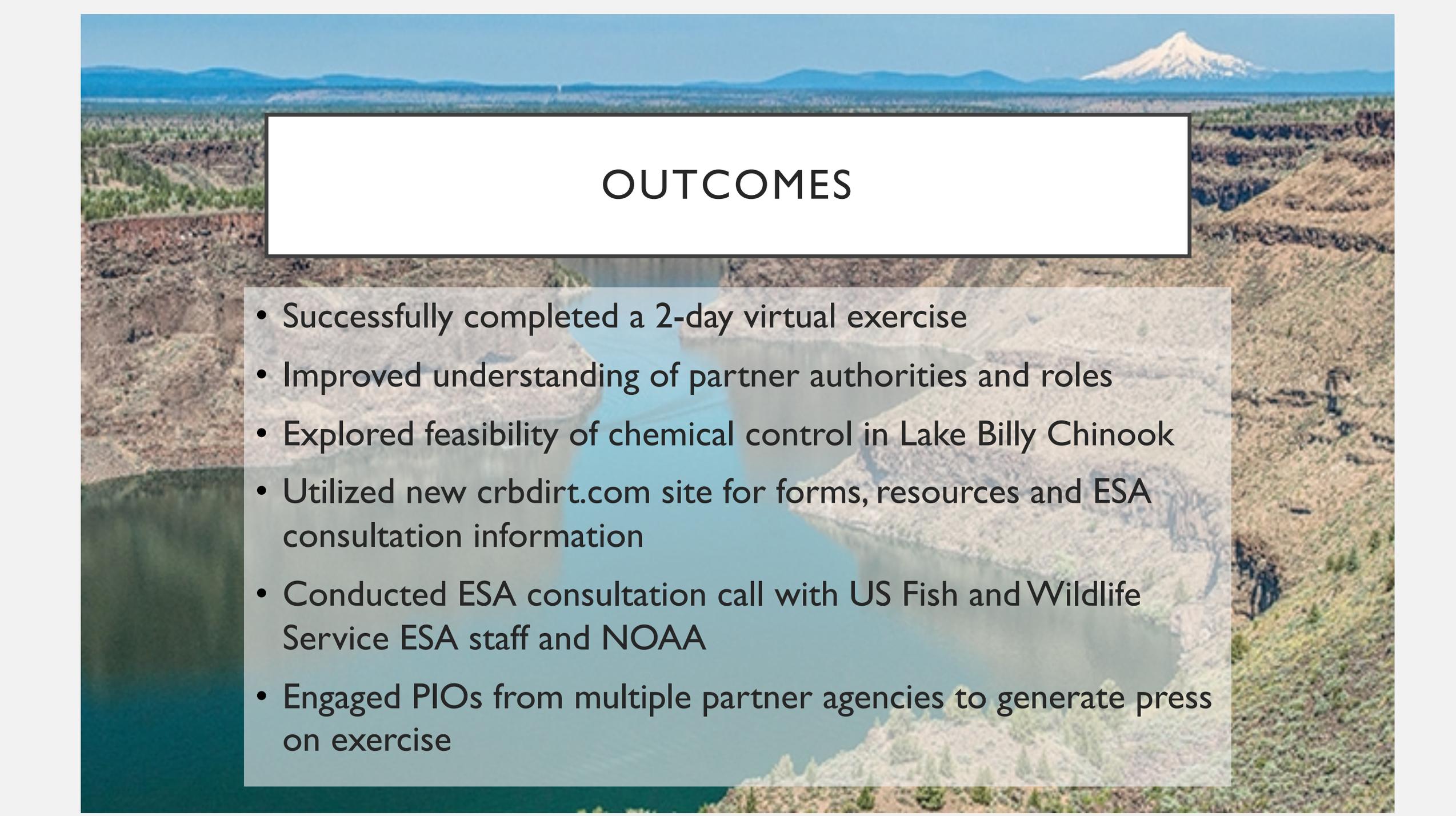
- Fouled boat launches at Lake Billy Chinook, OR
- Boat originated a Lake Pleasant, AZ



EXERCISE DECISIONS



- Plan for further monitoring
- Plan for prevention/containment strategies
- Plan to conduct chemical eradication
- Plan for on-site communication and press
- Captured in crbdirt.com forms



OUTCOMES

- Successfully completed a 2-day virtual exercise
- Improved understanding of partner authorities and roles
- Explored feasibility of chemical control in Lake Billy Chinook
- Utilized new crbdirt.com site for forms, resources and ESA consultation information
- Conducted ESA consultation call with US Fish and Wildlife Service ESA staff and NOAA
- Engaged PIOs from multiple partner agencies to generate press on exercise

COLUMBIA RIVER BASIN DREISSENIID INCIDENT RESPONSE TOOLKIT

A resource to facilitate a response to an introduction of dreissenids in the Columbia River Basin



Introduction

Since their introduction to the Great Lakes region of North America in the 1980s, invasive dreissenid mussels (zebra mussels (*Dreissena polymorpha*) and quagga mussels (*Dreissena rostriformis bugensis*)) have expanded their distribution



Toolkit Purpose

This toolkit provides resource managers with the tools and information to effectively implement a response to a dreissenid introduction. The toolkit includes information on Columbia River Basin geography; entities; dreissenid



Consequences of No Action

This toolkit has been prepared to facilitate a rapid response to an introduction of dreissenids. The anticipated consequences of taking no action would include long-

ESA SECTION 7 CONSULTATION

- Steps to engage in consultation with USFWS Regional Office:
 - Define the action area – upstream and downstream and within water body
 - Use <https://ecos.fws.gov/ipac> to define listed species, define a polygon of affected area
 - Use www.crbdirt.com, listed species and critical habitat tab, and access table of listed species and critical habitats
 - Describe potential response actions based on listed species and critical habitats within action area
 - Use www.crbdirt.com to assess potential effects of chemical and mechanical methods on listed species and critical habitats
 - Access state guidelines for timing of in-water work
 - Use www.crbdirt.com Best Management Practices – highlight those of particular relevance for T and E species and critical habitats. Review BMPs to avoid introduction and spread of invasive species.
 - Contact USFWS Assistant Regional Director of Ecological Services and walk through proposed action, timeline, listed species, proposed chemical and mechanical methods that will be used, and best management practices that will be implemented. Ask for feedback and guidance.

LESSONS LEARNED

- Virtual meeting allowed for focused work – morning session with afternoon breakout
- Clarified expectations for ESA Consultation process
- Prompted self-evaluation of agencies on specific responses or actions
- Site visits can improve logistics for potential actions
- New CRB rapid response resources positive improvement
- Additional partner participation and feedback needed

NEXT STEPS FOR CRB RAPID RESPONSE

- Preparation with National Marine Fisheries Service on ESA Consultation
- Planning additional exercises
 - Montana
 - Nevada

