



# Flowering Rush Lake Roosevelt Discovery, CWMA update

Jenifer Parsons

Columbia River Basin Team Meeting Jan 2020



# Flowering Rush

Escaped ornamental

Grows emergent to fully submersed

Rhizomes and buds are its superpower

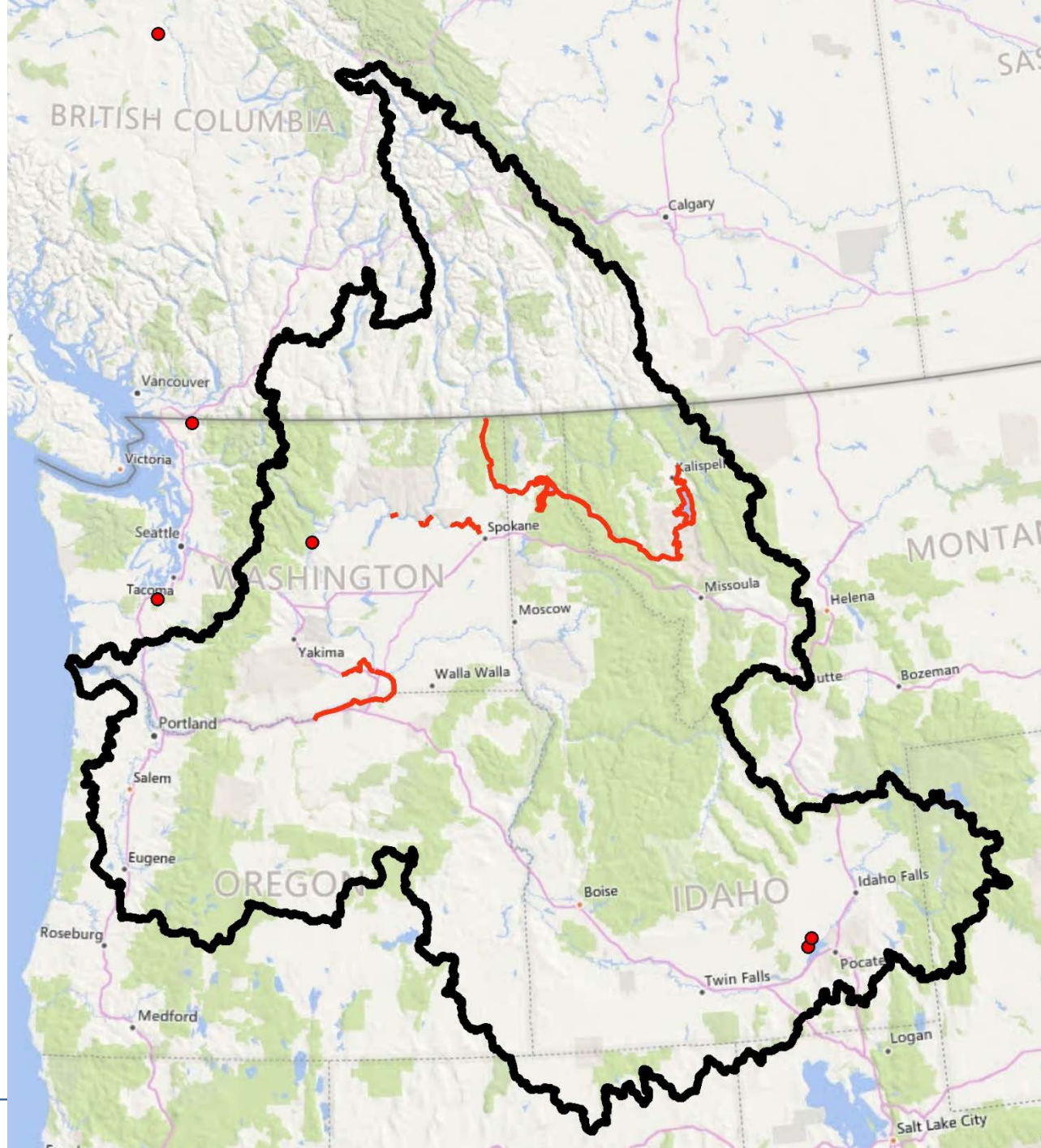




# Impacts











# Lake Roosevelt Flowering Rush

New find Aug 2019





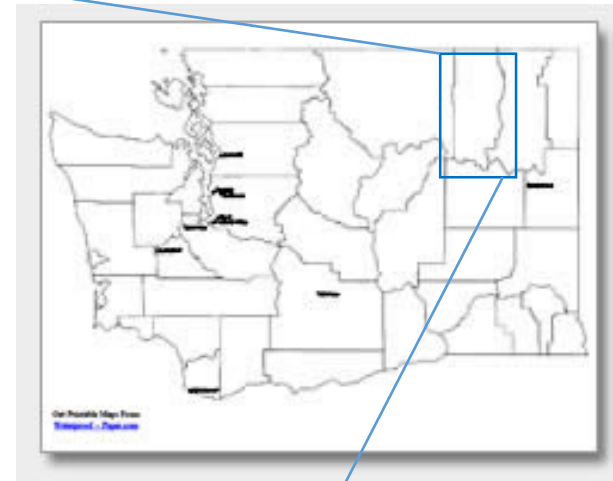
# Lake Roosevelt

## Washington



Named for Franklin D. Roosevelt,  
who was president during the  
construction of the Grand Coulee Dam.

Created in 1941  
130 Miles Long  
660 Miles of Shoreline  
77,684 Surface Acres

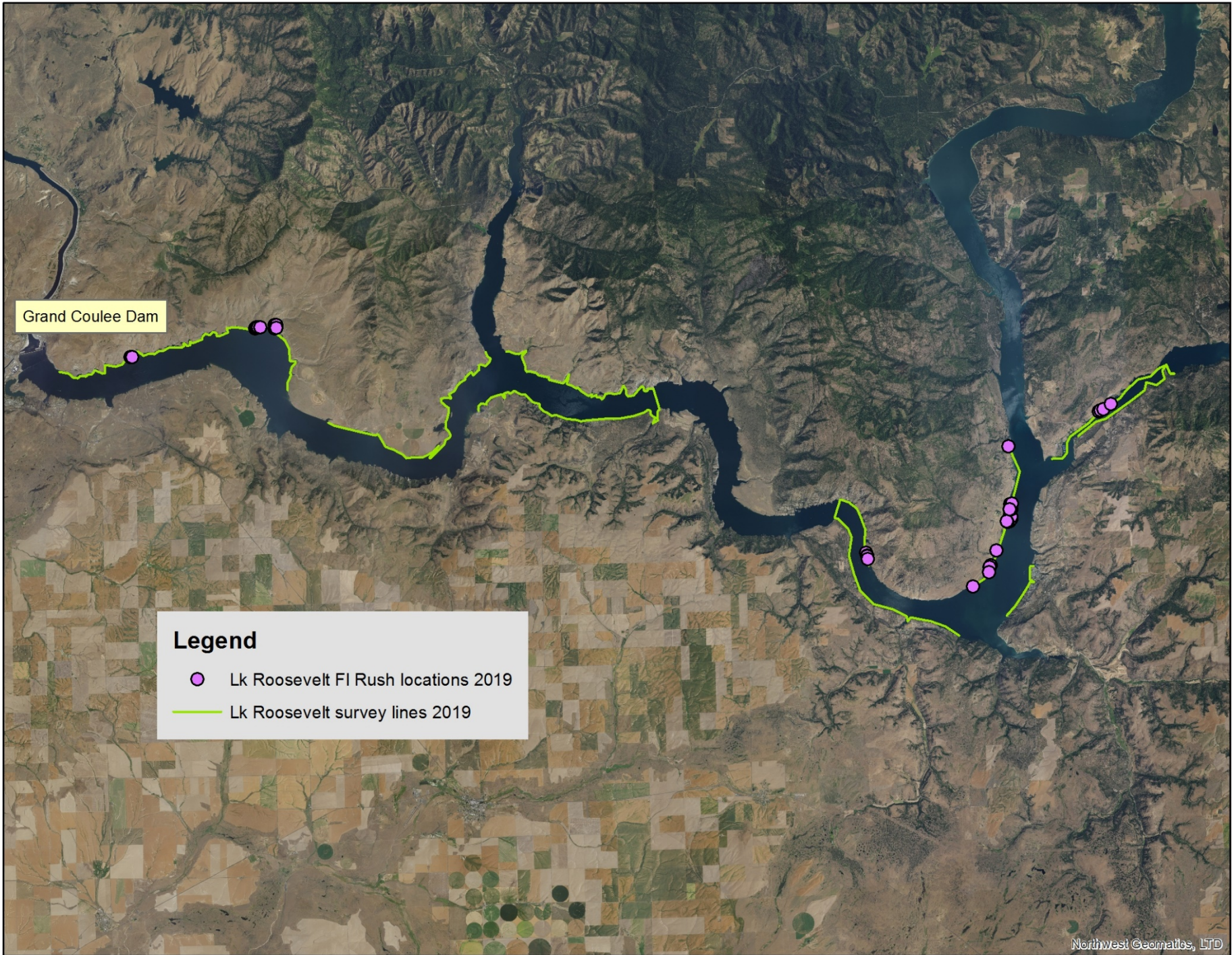






- Verified ID
- Organized additional surveys
  - Okanogan County NWCB, Colville Tribes, Spokane Tribe, National Park Service, Department of Ecology





Grand Coulee Dam

### Legend

- Lk Roosevelt FI Rush locations 2019
- Lk Roosevelt survey lines 2019





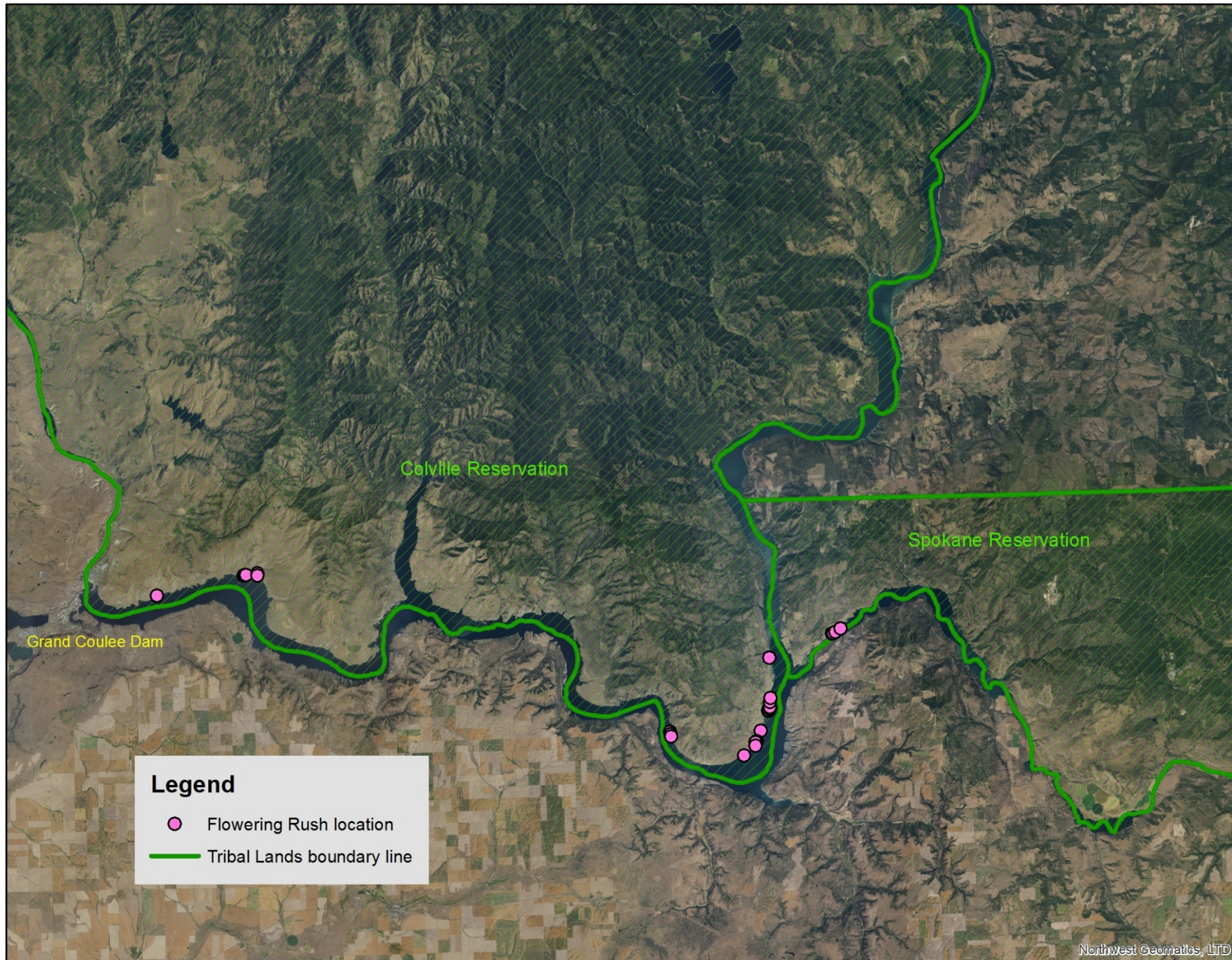
# Lake Roosevelt

## 5-Party Management

- Colville Tribes
- Spokane Tribe
- National Park Service
- Bureau of Reclamation
- Bureau of Indian Affairs









# Plan for 2020

(as it currently stands)

Name	Employer
Danielle Blevins	BIA
Holly McLellan	Colville Tribe
Dennis Moore	Colville Tribe
Tamara Knudsen	Spokane Tribe
Alexander Kain	Spokane Tribe
Brent Nichols	Spokane Tribe
Brian Hart	USBR
Doug Anderson	USBR
Rebecca Doolittle	USBR
Jon Edwards	National Park Service
Cassie Hagemann	National Park Service
Larry Hudson	Okanogan County Noxious Weed Board
Anna Lyon	Okanogan County Noxious Weed Board
Rochelle Osborne	Ferry County Noxious Weed Board
Kevin Hupp	Lincoln County Noxious Weed Board
Cindy	Stevens County Noxious Weed Board
Greg Haubrich	WA State Dept. of Agriculture
Jenifer Parsons	WA Dept of Ecology
Todd Palzer	WA Dept of Natural Resources
John Geist	WA Dept of Natural Resources
Dave Heimer	WA Dept of Fish and Wildlife
Gina Hoff	USBR
Emily Orling	USBR
Lizbeth Seebacher	WA Dept of Ecology
Stephen Lesky	US Army Corps of Engineers
Justin Haug	WA Dept of Fish and Wildlife
Casey Hill	Columbia Basin Irrigation Districts
Marvin Shutters	US Army Corps of Engineers

Partners and  
interested  
parties (so far)



# Treatment

if everything comes together

- Spring
  - bare-ground herbicide
  - Would like to try sniffer-dogs
  - Would like to try hot water/steam/flame
- Summer
  - Cover, maybe hand pull



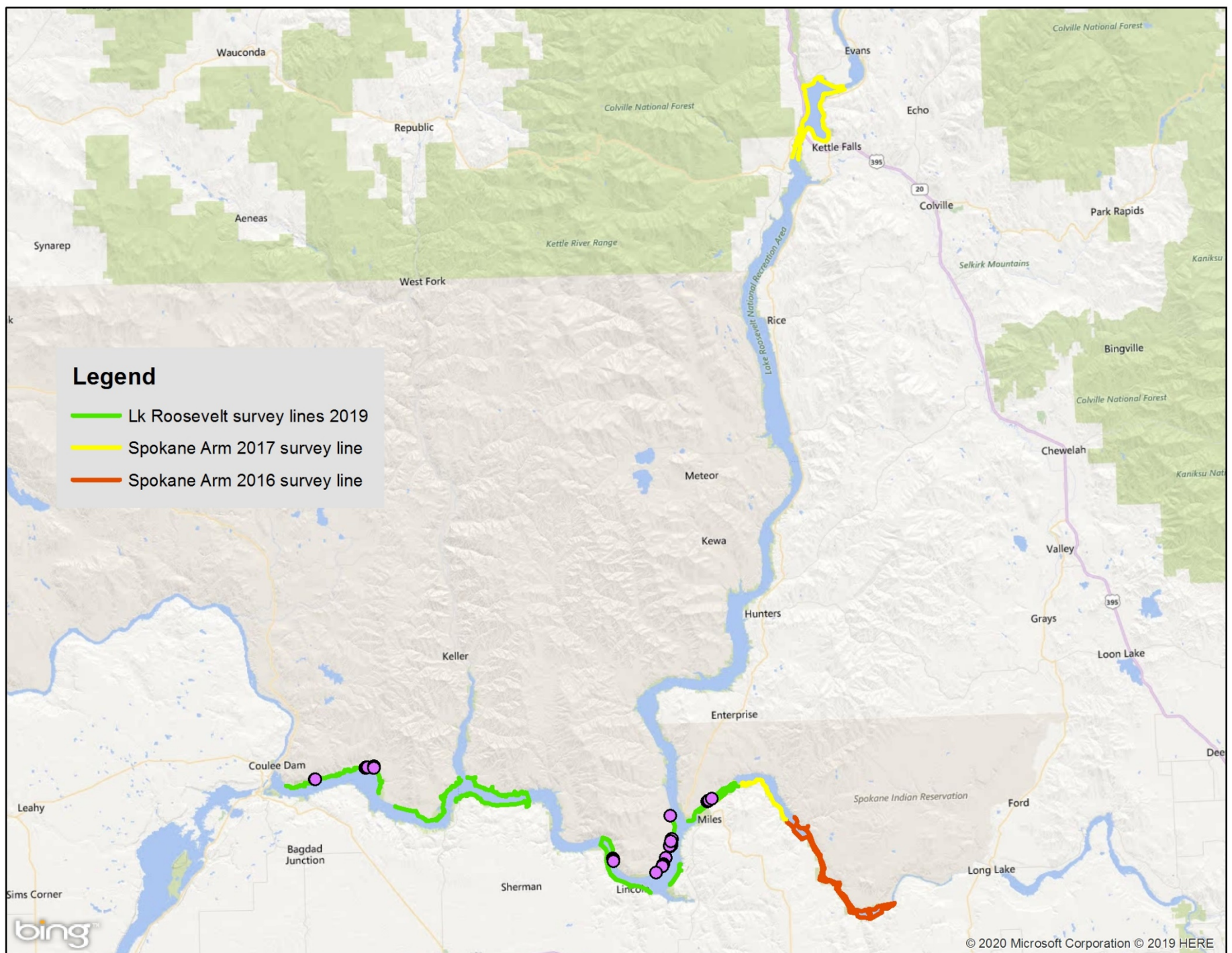


# Survey and Monitoring

- Spring - treatment monitoring transects
- Summer - survey









# Potential Funding

Source	Comment	Amount
BIA grant	tentative	\$60,000
Ecology grant	tentative	\$30,000
Spokane Tribe	Time and materials	\$32,147
WDFW	Time and materials	\$14,156
WDOE	Time and materials	\$8,299
WDNR	Time and materials	\$12,908
TOTAL		\$157,509

Additional:

USACE	match	\$157,509
USNPS	Time and materials	\$?
USBR	Time and materials	\$?
Other-counties etc.		\$?

Next Conference Call  
Feb 3<sup>rd</sup> 10 am







# Columbia Basin CWMA

## Next Steps





WISC (Justin Bush) received a \$65,000 grant  
– Created the Columbia Basin Cooperative Weed Management Area





# Columbia Basin CWMA

- First hired a consultant
- Developed
  - Co-Chair positions
  - Steering Committee
  - Charter & bylaws
  - Website and logo
  - Summit
- Wrote Management Plan





# Steering Committee Partners

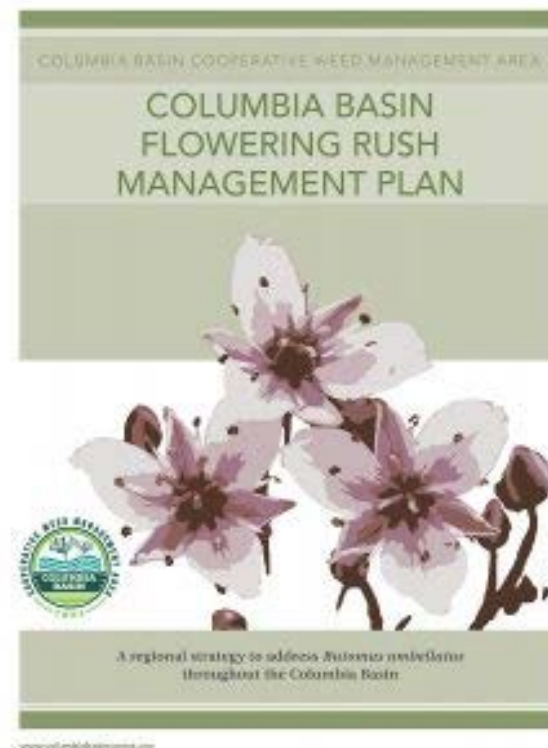
- Alberta Environment and Sustainable Resource Development
- Columbia River Inter-Tribal Fish Commission
- Kalispel Tribe
- Montana Fish Wildlife & Parks
- Montana Invasive Species Council
- Oregon Department of Agriculture
- Portland State University
- Washington Department of Agriculture
- Washington Invasive Species Council
- Washington State University
- Washington Department of Ecology
- Western Invasives Network



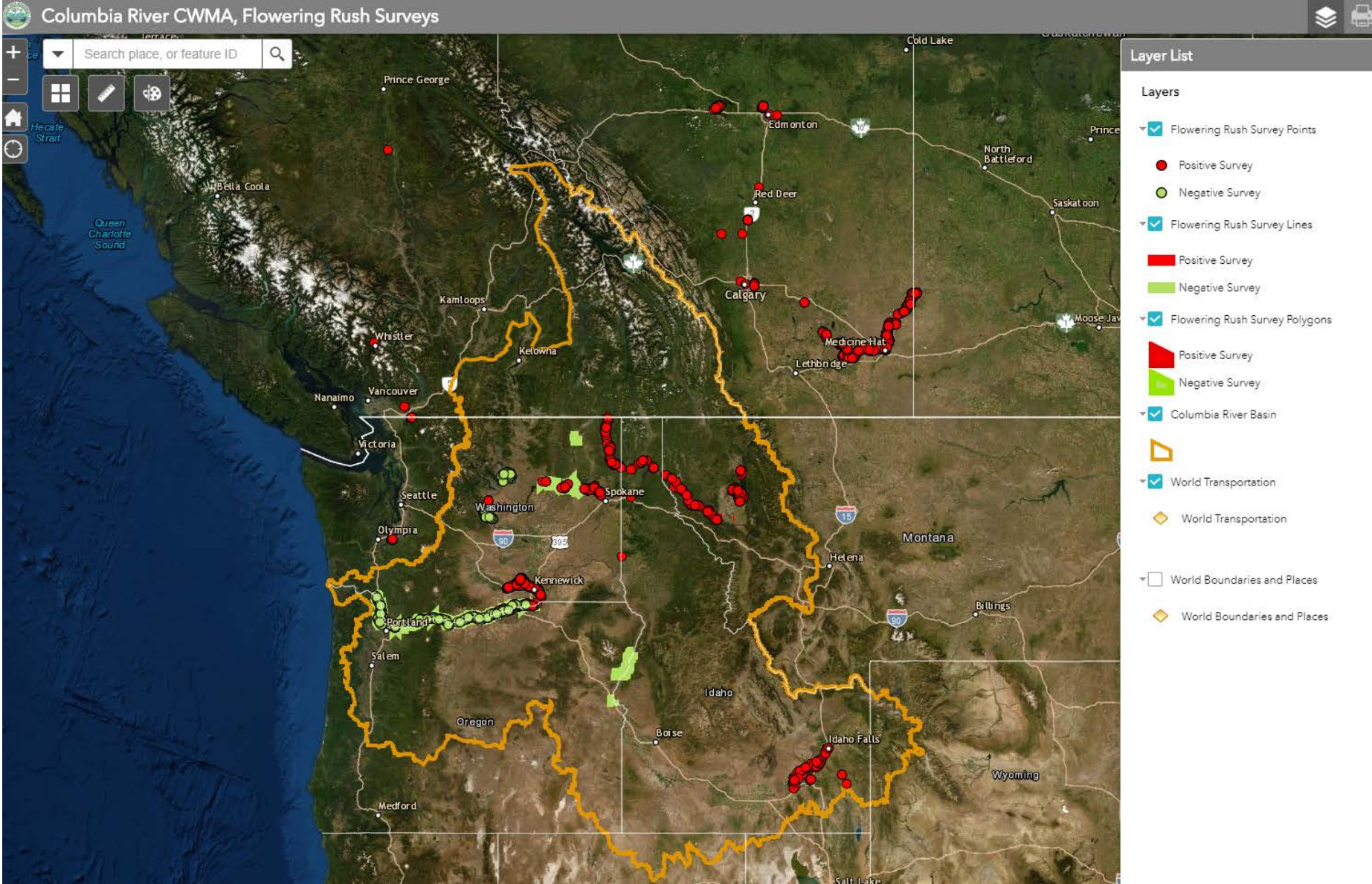


# Plan Authors

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Mark Sytsma, Portland State University  
Jeremey Varley, Idaho State Department of Agriculture  
Damian Walter, US Army Corps of Engineers  
Tom Woolf, Montana Fish, Wildlife & Parks



<http://columbiabasincwma.org/>







## What Now?

- Grant ended 12/31/19
- Met in Dec, current co-chairs:
  - Jennifer Andreas
  - Jenifer Parsons
- Hope to continue funding consultant to keep us organized

## Other Ideas

- Need an Economic Analysis
- Add treatment info to web map?
- Work more closely with the CB Team
- Increase membership – irrigation districts, tribes, Columbia Gorge CWMA, BPA, county weed coordinators







# Questions?

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