

Fisheries Program Update January 10, 2022



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POWER

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Why we're here today

- 2021 Year End Fish Counts

Thad Mosey

- Bull Trout Study Update

Scott Hopkins

Adult Fish Returns – Rock Island

Species	2021 Count	2020 Count	10 -Year Average (2011-2020)	% of 10-Year Average at RI for 2021 count	% of 10-Year Average at BON for 2021 count
Spring Chinook	12,332	7,595	15,209	81%	54%
Summer Chinook	52,076	70,654	61,752	84%	78%
Fall Chinook	16,013	13,941	21,357	75%	68%
Steelhead	4,558	6,731	10,381	44%	35%
Sockeye	109,367	280,440	245,567	45%	50%
Coho	64,296	28,582	15,678	410%	262%
Lamprey	725*/1,186**	480*/834**	3,963*	18%*	60%
Bull Trout	25	20	53	47%	Not available

*RI count excluding lamprey trapped at Priest Rapids Dam and translocated upstream of RI by DCPUD.

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Rocky Reach Requirements for Bull Trout

Incidental Take Study

One year adult bull trout incidental take study in year 10 and every 10 years thereafter¹

Genetic Sampling Analysis

Collect tissue samples from up to 30 adult bull trout and up to 40 sub-adult bull trout in year 10 and every 10 years thereafter²

1. Ordering Paragraph E, Appendix B, Article 4(b) and Settlement Agreement Chapter 4, Section 4.2.1
2. Ordering Paragraph G, Appendix D, RPM 5 and Settlement Agreement Chapter 4, Section 4.4.3

Results

	2019-2020 Progress Report	2020-2021 Progress Report
Tagged for Study		
PIT Tag Totals	88	90
Total Detections	537	723
Previously Tagged		
Detections at Tumwater	58	70
Detections at Rocky Reach	6	6
Detections at Rock Island	1	2
Genetics		
Tissue Samples Analyzed	163	NA



Preliminary Observations

- Sub-adults primarily stay in Wenatchee River basin
- Adults travel freely between Wenatchee and Entiat River basins
- Genetic and PIT-tag tributary distributions are largely concordant

What's Next?

- **Draft Report due to Rocky Reach Fish Forum on August 15, 2022**
 - **Next Incidental Take Study required in 2029**

QUESTIONS?

