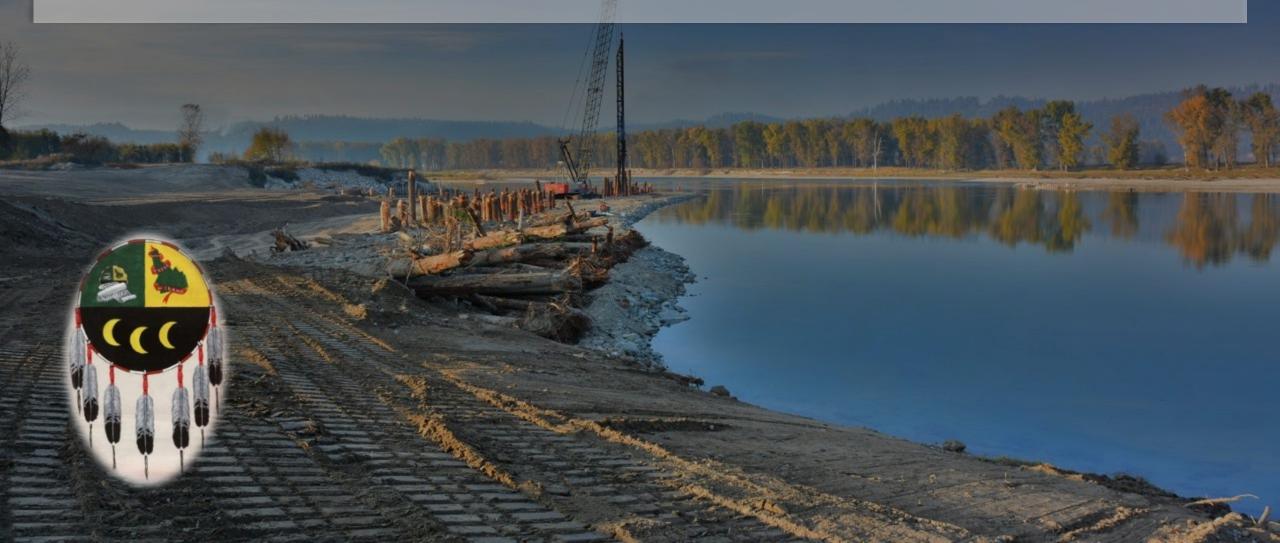
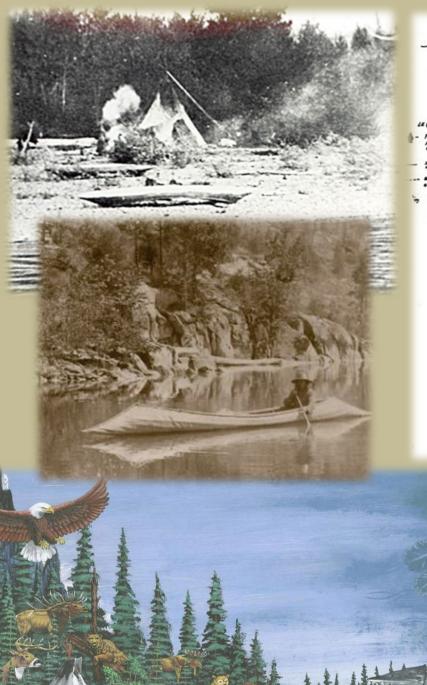
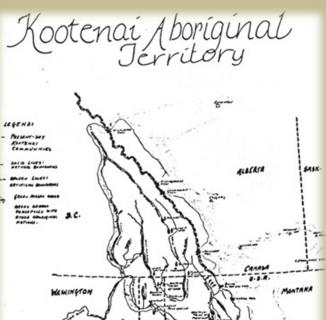
Kootenai River Restoration: Fish & Habitat

Kootenai Tribe of Idaho to KVRI, July 18, 2022







IDAHO

ORIGON

Natural History of Kootenai Valley





Warne Photos

Historical Cottonwood Galleries

Early 1900s = 60,000 - 100,000 board feet processed daily





✓ Very low White Sturgeon natural recruitment since 1960's.
✓ Federally endangered 1994 (USA) and 2006 (Canada).
✓ ~ 1,700 (wild) Adult White Sturgeon remain.

NER THE AL

1974

✓ Burbot were functionally extirpated by 1990's.

BEFORE

 There were not enough Burbot to support a hatchery program, nor to use for research.

Current Altered Landscape:

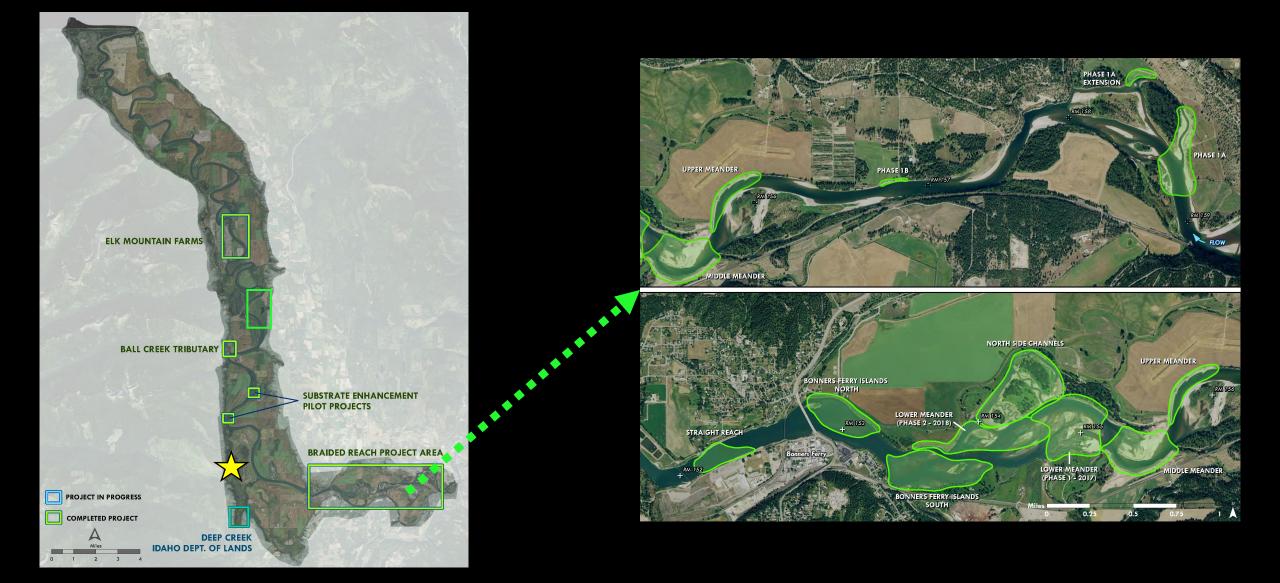
Since 1890's.....

> 100,000 acres of floodplain disconnected.

60,000 acres of wetlands converted.



KRHRP: Work to Date







09/27/2012

115 2

Upper Meander Pile Structure





2012 Project: North Side Channels (pre-project conditions)

2012 Project: North Side Channel during construction

CARAMAN SI CORAMARSHER, YES

T.S.

10/24/2012



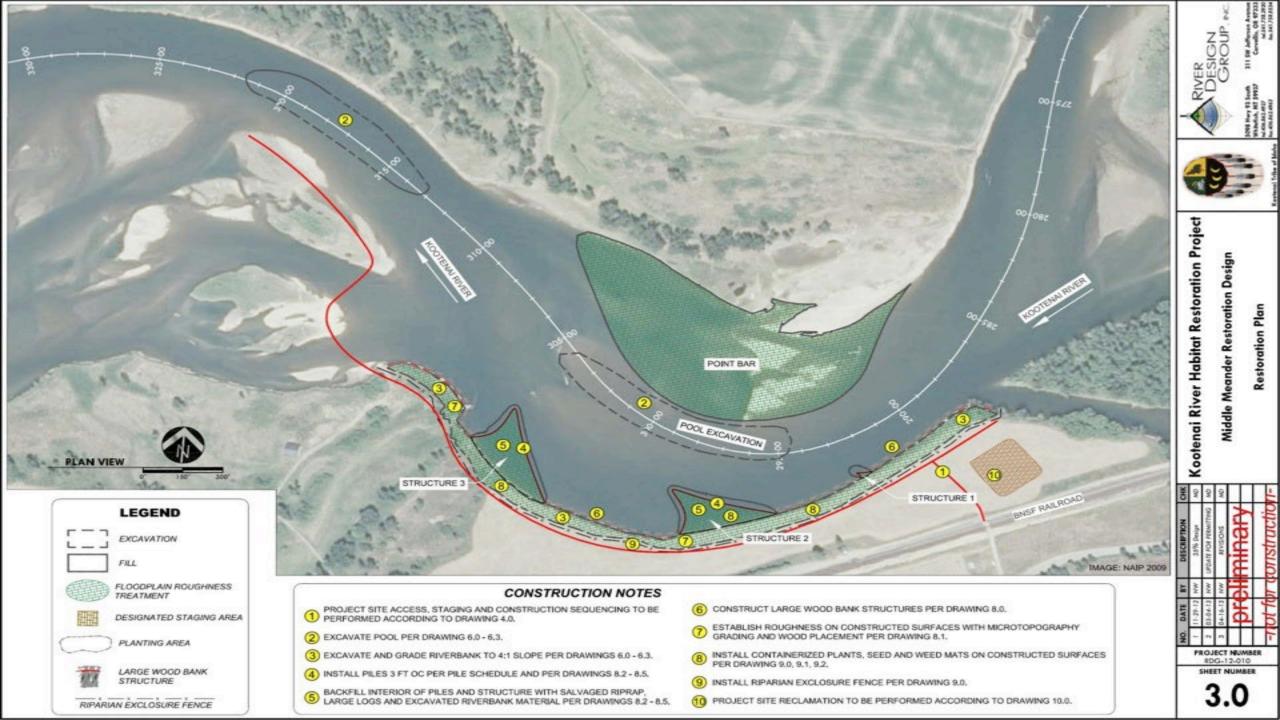
Kokanee in North Side **Channels** Project



2013 Project: Middle Meander pre-project condition



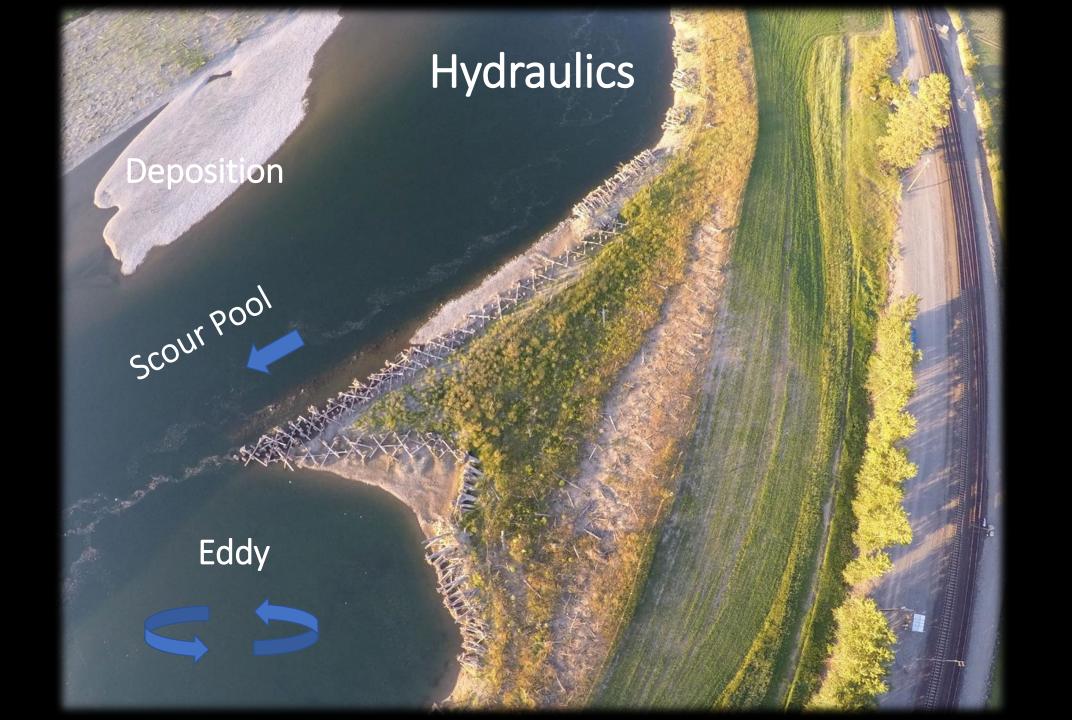




Middle Meander - Construction

















Willow Bundles

Bank Revegetation



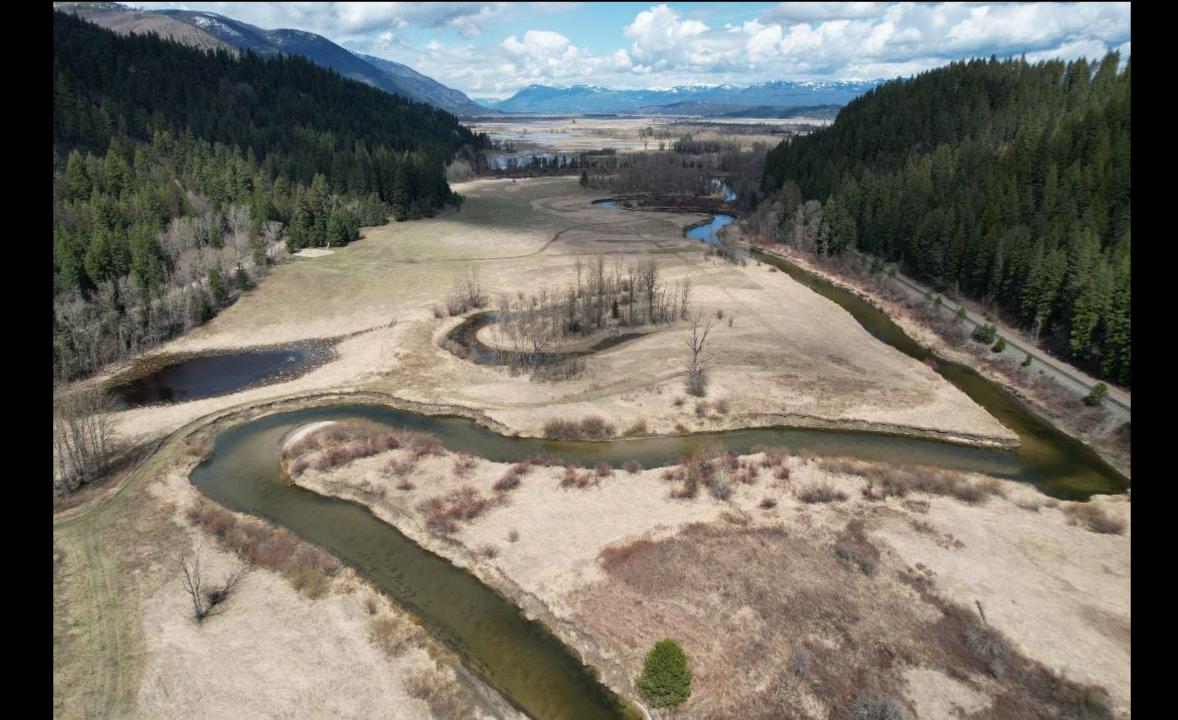
Substrate Enhancement Pilot Project (SEPP)























Picture of IDFG staff conducting winter hoopnet surveys, which provide almost all recapture data for adult Burbot

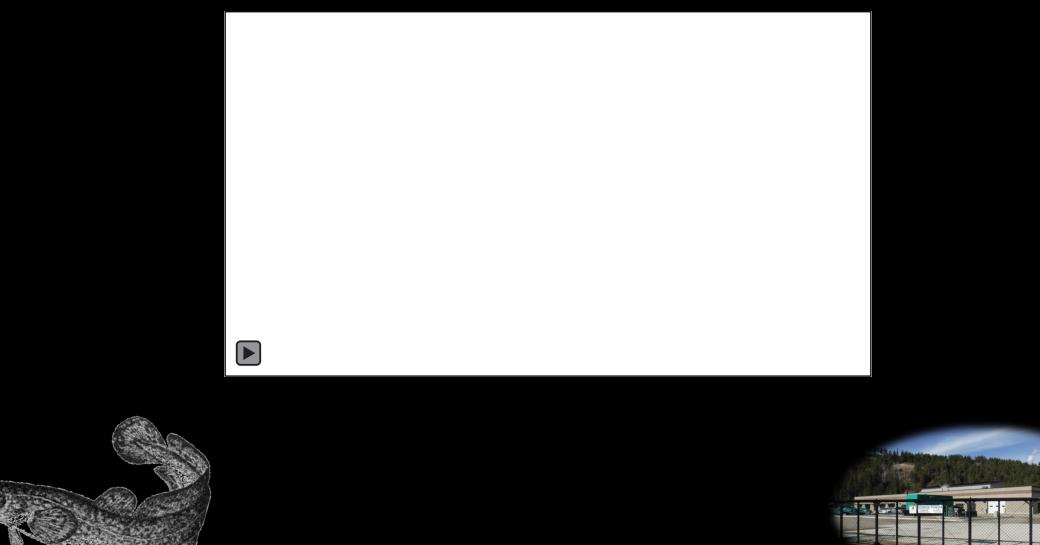
- P

50

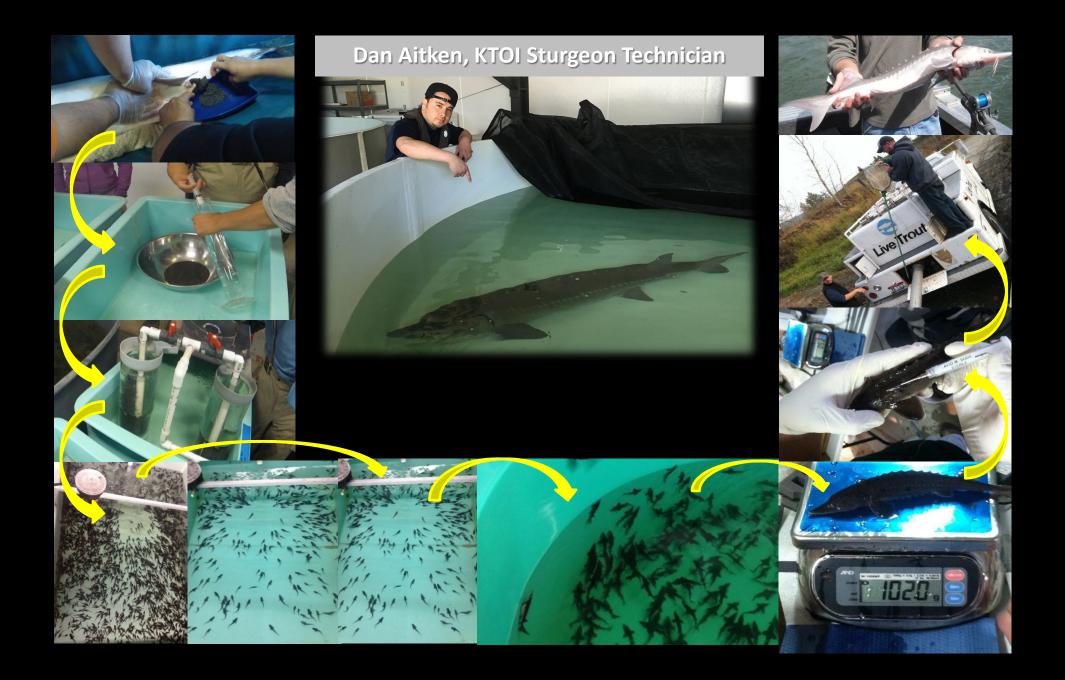
Parental Based Tagging (IDFG)

36

43



Burbot





Parental Based Tagging Univ. CA-Davis: Aviva Fiske, PhD Candidate Dr. Andrea Schreier

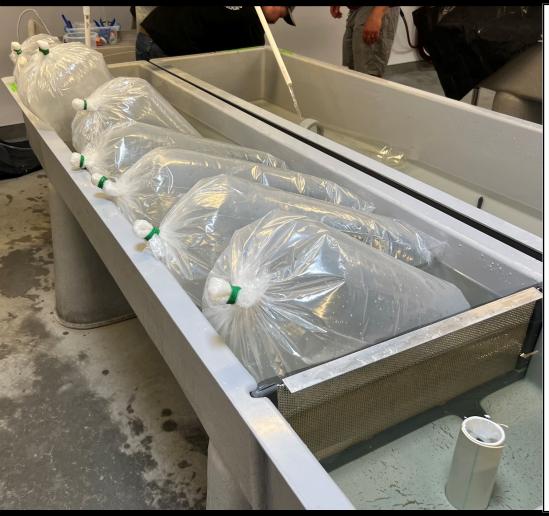


Dan Aitken, KTOI Sturgeon Technician

KTOI Staff Preparing Female





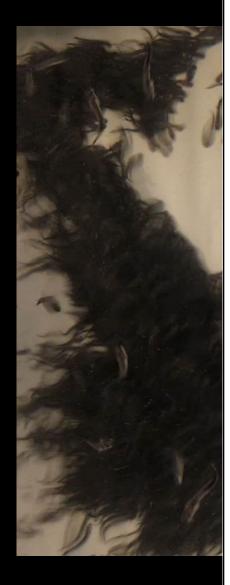




09/27/2012

TIPE





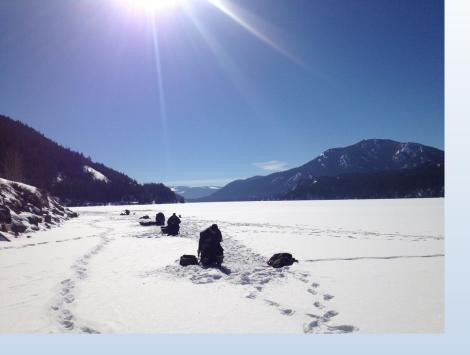


















Collaboration



We thank Bonneville Power Administration & Northwest Power and Conservation Council



Committment