

Introduction to Trout Unlimited Canada

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Who We Are



- Volunteer-based chapters across Canada
- Professional staff in Calgary and Guelph
- Broad base of members, supporters, and partners



Our Priorities



- Water Quality
- Water Quantity
- Fish Communities
- Fish Habitat

Our Work



Photo Credit - Sam Hoffe

- Conservation and Restoration
- Science
- Education



Conservation



- Reduce water temperature
- Improve water quality
- Improve connections
- Return native species
- Restore rivers, riverbanks
- Reduce pollution
- Protect habitats

Bull Trout



- TUC involved in Bull Trout recovery since 1990's (i.e. set up Bull Trout Task Force)
- 2012: COSEWIC listed threatened
- 2019: SARA listed threatened

Bull Trout

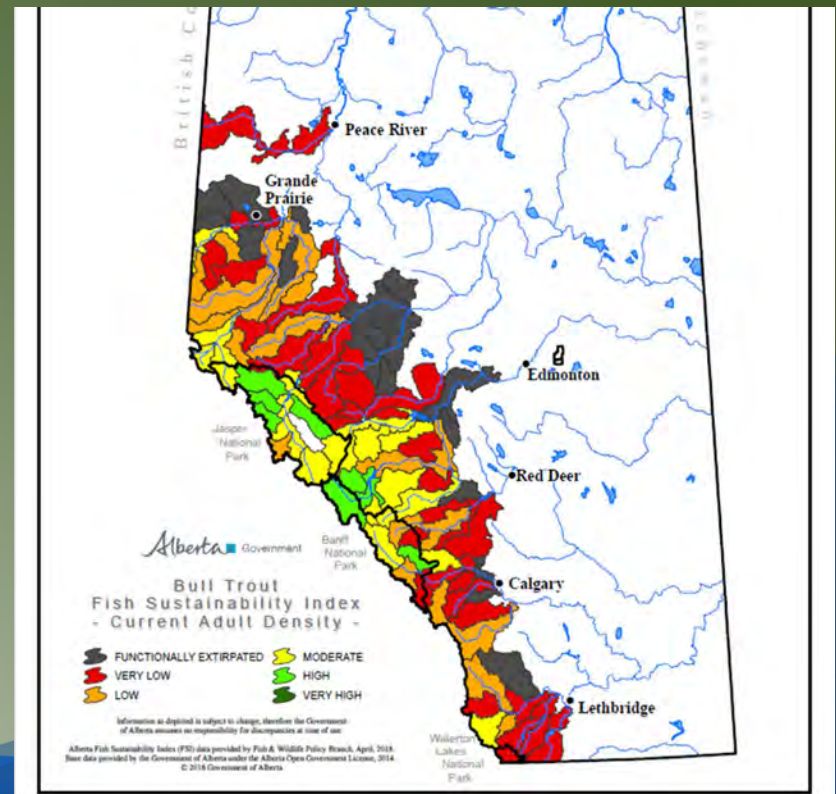
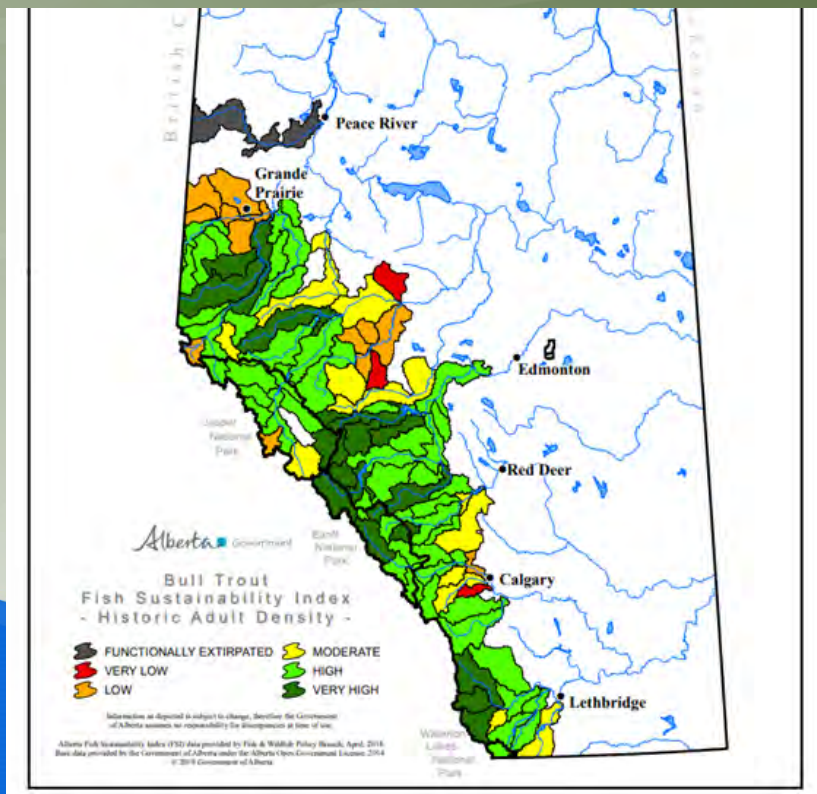


- Threats (current, historic, future):
 - Angling
 - Introduced species
 - Habitat loss and alteration
 - Climate change

Bull Trout need **COLD, CLEAN, COMPLEX, and CONNECTED** waters!

Bighorn

- North Saskatchewan River and Red Deer River basins high priority for native trout recovery



TUC Approach



- Science-based
- On-the-ground habitat rehabilitation
- Work with partners



Four Mile Creek – Ghost PLUZ



- Crossing assessed by Alberta Backcountry Hunters and Anglers in 2018
- Partnership project launched spring 2019 with Ghost Watershed Alliance Society, Alberta BHA
- Westslope Cutthroat Trout and Bull Trout habitat

Four Mile Creek



Issues at the site which needed to be addressed were:

- Compacted soils
- Lack of native woody species
- Linear features draining to creek, carrying sediment along with water

Four Mile Creek



Four Mile Creek – Rough and Loose

https://www.instagram.com/p/Bx0PX89BoyN/?utm_source=ig_web_button_share_sheet

Four Mile Creek - Bioengineering

- Bioengineering workshop hosted by GWAS, led by Dave Polster
- Planting live willow stakes in the rough and loose area











Bighorn Opportunities

- Hanging culverts
- Livestock impacts on riparian areas
- Stream crossings (fords) – repair or remove
- Sedimentation impacts
- Volunteer/community engagement
- Presentations
- Partner with industry, recreation groups
- Funding IS available

Thank
you!!



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