Holding Bac Showpack



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Holding Back Snowpack Watershed Resilience from the Top Down

Social Resilience from the Bottom Up

May 2016

May 2020



N. Fork California Creek



N. Fork California Creek



Slow the water, connect the floodplain, soak the soil



- Volunteer-Friendly
- Uses available materials
- \$50-\$200/structure
- Iterative
- Accepted as remedy under Superfund

Make Sure to Consider:

- Permitting
- Fish Passage
- Downstream Water Users

Beaver mimicry

naconda Upland

Reversing the smelter's smackdown in Anaconda Uplands

DUNCAN ADAMS Apr 10, 2023 🔍 1

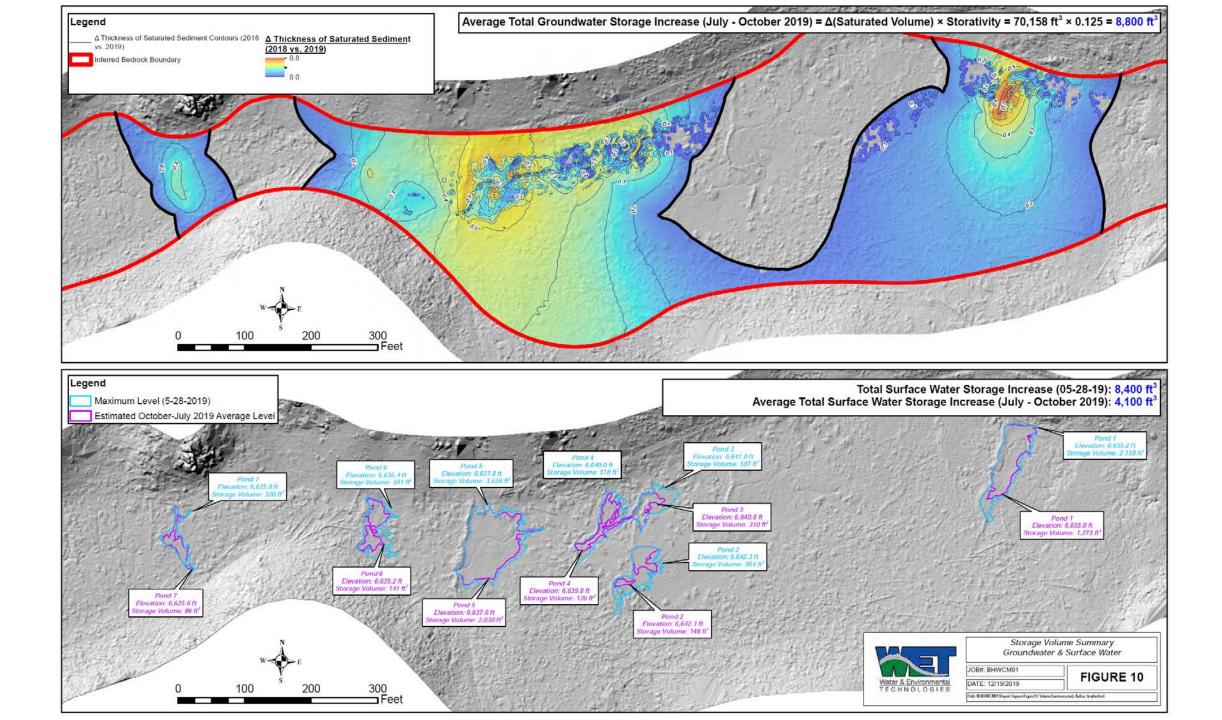


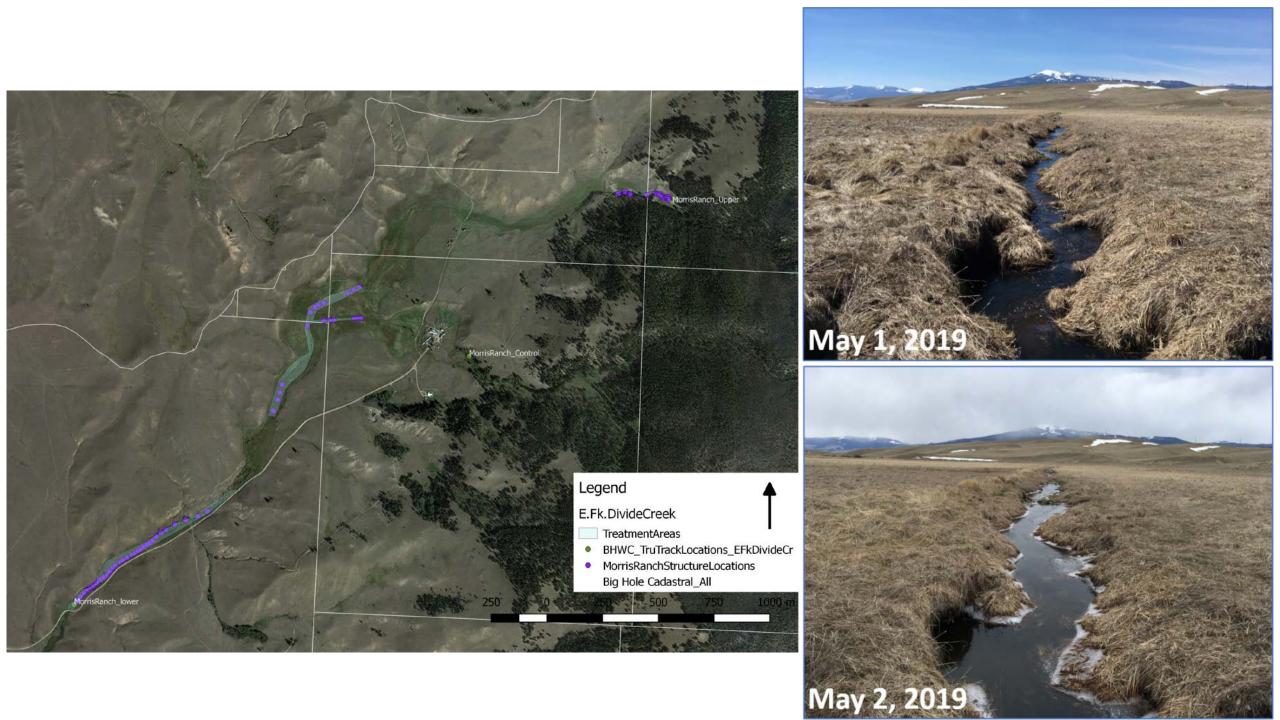
E. Fork Divide Creek



Be the Beaver.... And hope they come back. (No transplanting in MT)







Spreader Dikes or Mechanized Beaver Dams

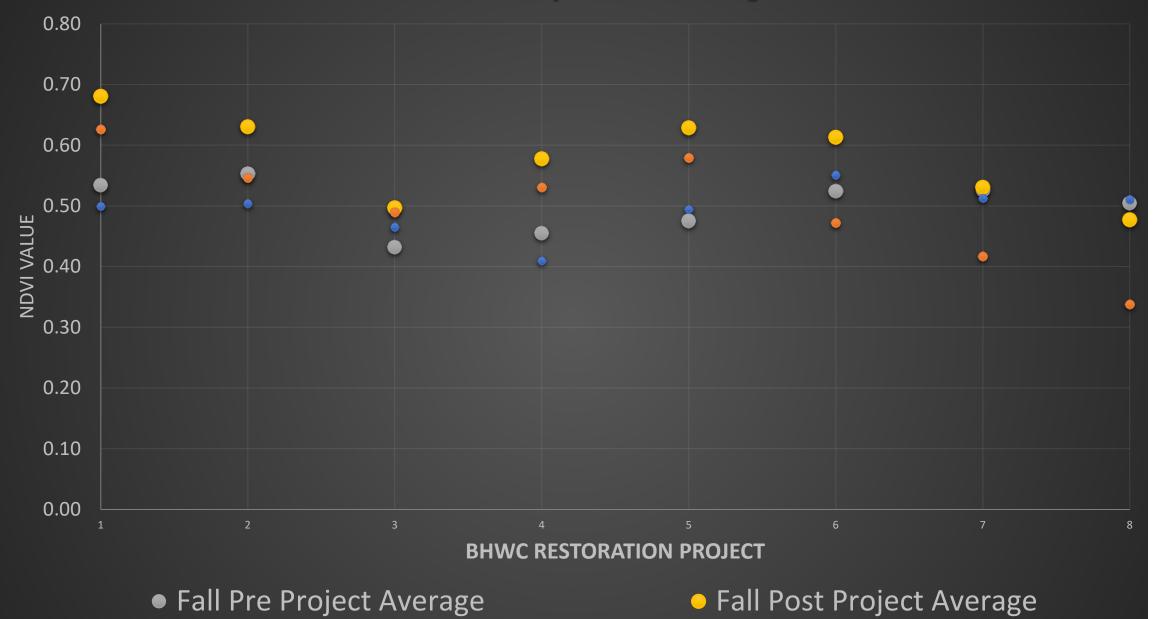




- Adaptation from low-head treatment wetlands
- Shift ecological trends in one effort
- Activate floodplains to soak soils
- Sediment retention, wildlife habitat, natural water storage



BHWC Restoration Project NDVI Average Values



• Spring Pre Project Average

• Spring Post Project Average

STATE OF MONTANA BEAVER PLAN

- MT Beaver Working Group
- FWP and Utah State- Mapping of all beaver
- BRAT MODEL overlay
- ID Translocation Areas
- 1 NEPA Process for all beaver relocation
 Training locals to:
 - Capture
 - Quarantine
 - Move

YouTube: - Holding Back the Snowpack - Life in the Land: Big Hole Valley



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