

CTUIR Fish Habitat Project Planning & Implementation

FY 2018

- Rock Creek Phase 3
- Bird Track Springs, initiated

FY 2019

- Bird Track Springs, complete
- Middle Upper GR Phase 1

FY 2020-21

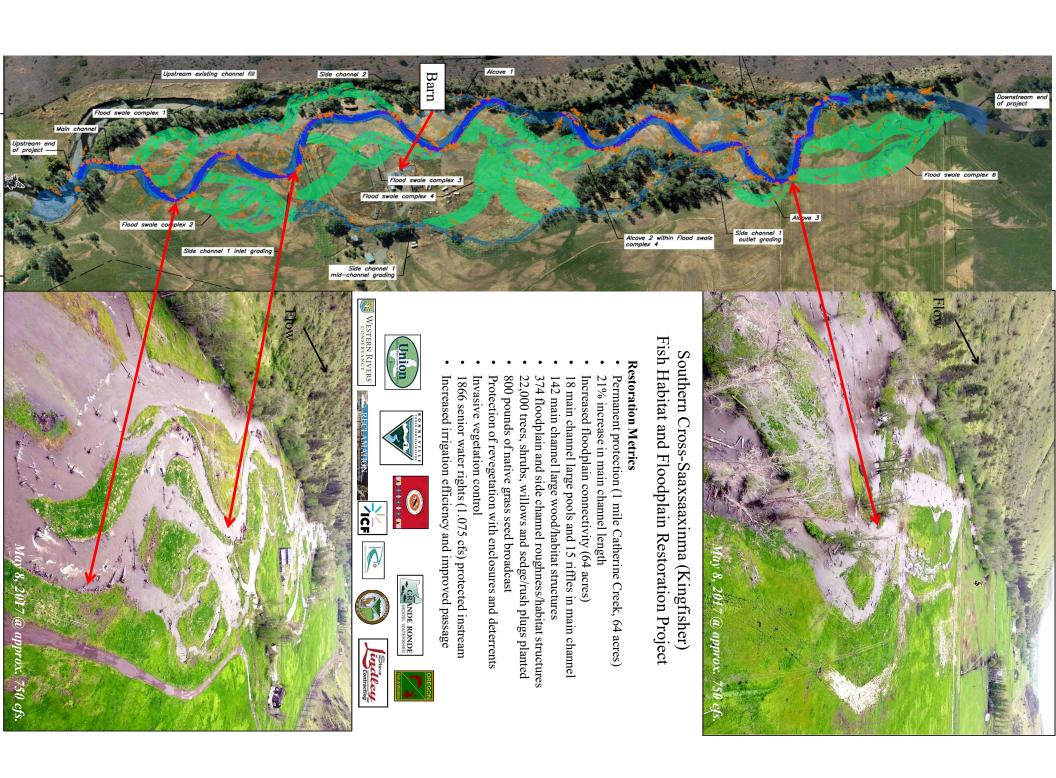
- Longley Meadow
- Middle Upper GR Phase 2

FY 2021-22

- Middle Upper GR Phase 3
- Dark Canyon Creek (2.5 miles)

FY 2023+

- Catherine Creek, Hall Ranch (ODFW)
- Catherine Creek, Buffalo Flats (USWCD)
- Upper GR Tailings Reach (USFS)
- Catherine Creek RM54 (0.6 miles)
- Catherine Creek Adult Weir Passage
- Catherine Creek Valley/Node Projects
- Lookingglass Creek (2.5 miles)
- Ongoing Acquisition Opportunity Development Buffalo Flats Easement, Catherine Creek, UGR



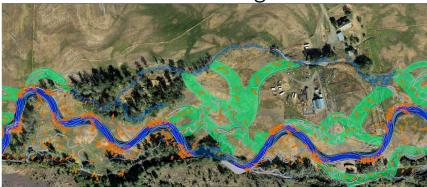
Conceptual Level Design



2016 Post Construction



Final Design

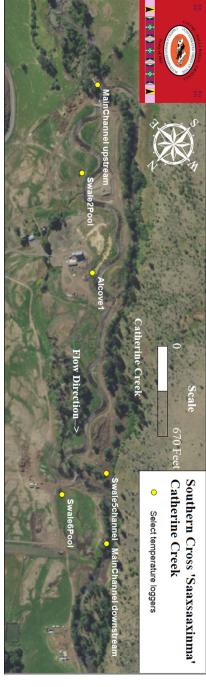


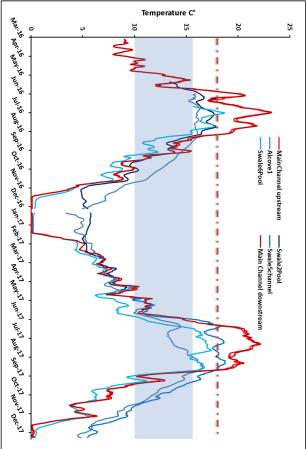
May 2017 Seasonal High Flow



June 2018 Moderate Flow



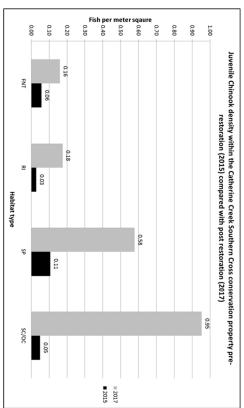




7 day average daily maximum stream temperatures at select sites within the fish habitat restoration project. Blue box is ideal rearing temperatures for juvenile salmonids (10-15.6 C), while the red line represents the upper limit for rearing and migration (17.8 C).



Pacific Lamprey



2015 data is pre-restoration (black bars), and 2017 is post restoration (grey bars). FNT = fast water non-turbulent, RI = riffle, SP = scour pool, and SC/OC = side channel/off channel habitat).





2,390 Chinook and 605 o. Mykiss observed in 2015,

