

Capacity Building Among Alaskan Tribal Entities:

A New Approach to Fish Passage Restoration



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Environmental Program Manager Fish Passage

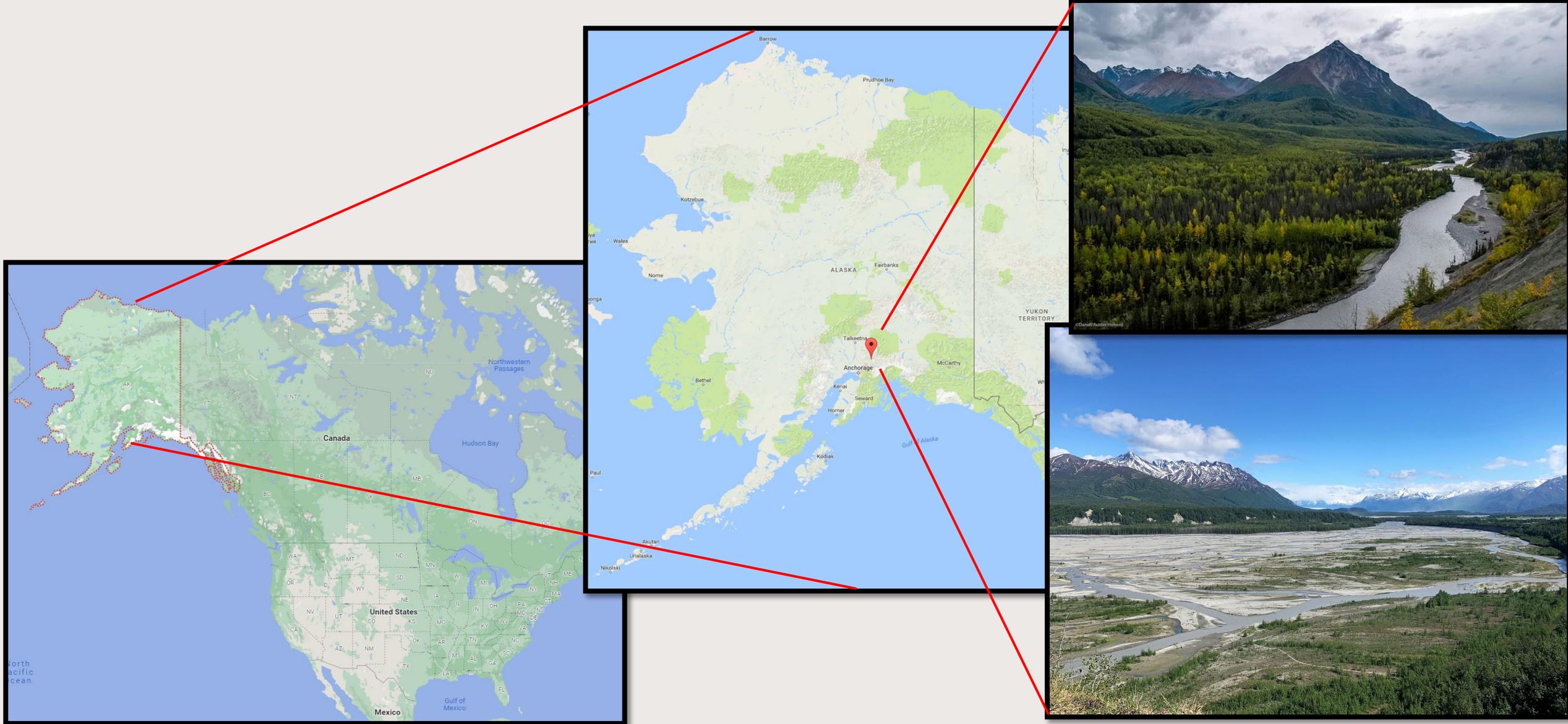
Chickaloon Village Traditional Council



Topics:

- Background Chickaloon Native Village
- Alaska Salmon–Food Security and Cultural Lifeways
- Fish Passage Barriers
- CVTC Fish Passage Restoration Projects
- NOAA Funding and Chickaloon Village Traditional Council Fish Passage Program
- Free Tribal Trainings for Fish Passage
- Alaska Tribal Fish Passage Working Group

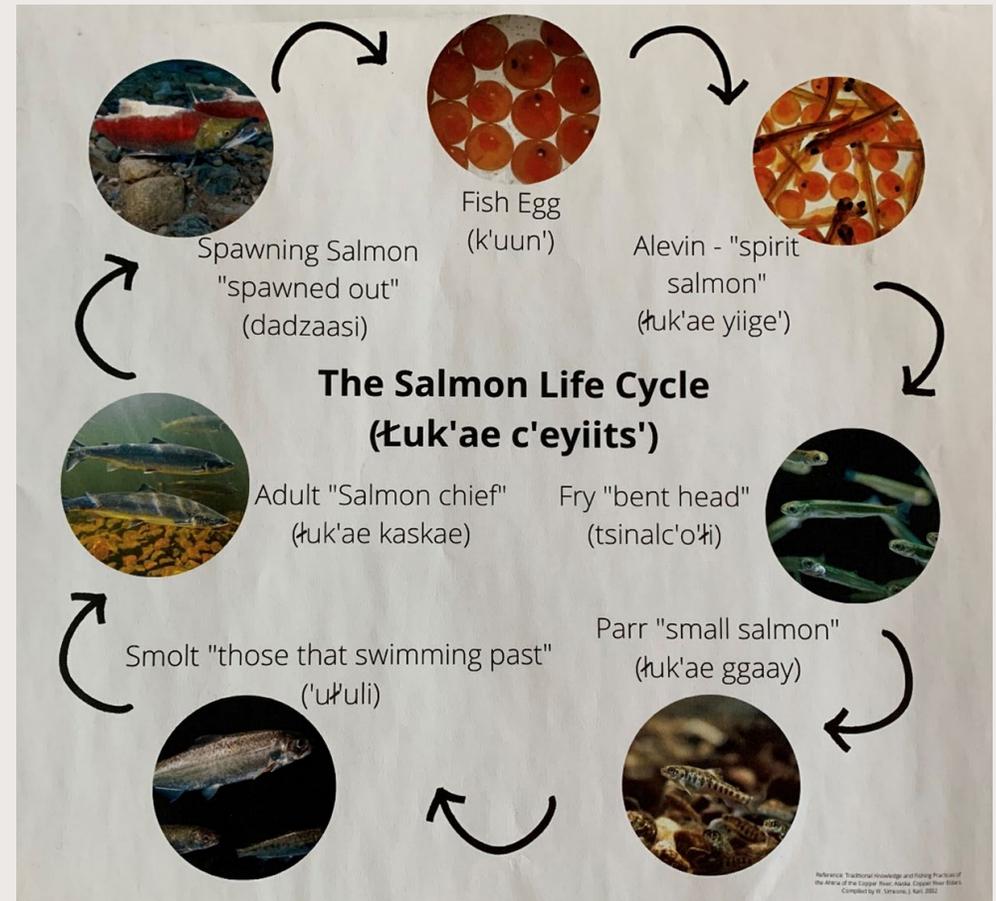
Background: Chickaloon Native Village



Background: Chickaloon Native Village



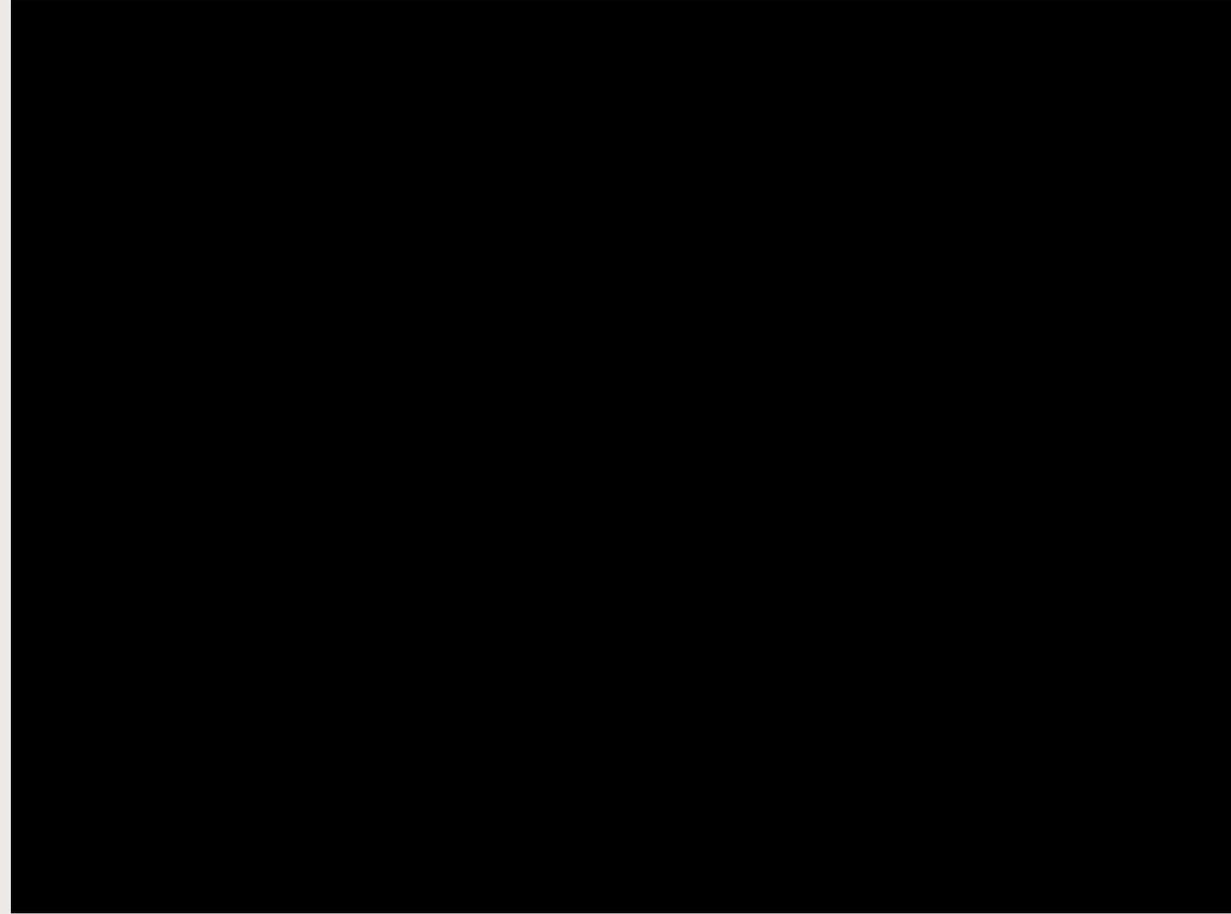
- Nay'dini'aa Na'Kayax – an Ahtna name meaning the “the river with the two logs across it”
- Ahtna Athabascan Tribe that has occupied the area for the past 10,000 years
- Affected by large scale extraction including coal, copper, and gold mining, oil and gas drilling, logging, and highway and railroad construction
- 1930s-1950s US government established mandatory educational system to assimilate Alaska Natives.
- 1971- ANCSA passed and 1973 Tribal Elders reestablished Chickaloon Village Traditional Council (CVTC) and gained federal recognition.
- Goal of reasserting the Tribe's identity and cultural traditions and creating economic self-sufficiency



Alaska Salmon (Łuk'ae)

- Five species of salmon found in Alaska
- Life cycle is highly dependent on the health of river and stream systems

Fish Passage Barriers



CVTC Fish Passage Restoration Projects: Past, Current, Future



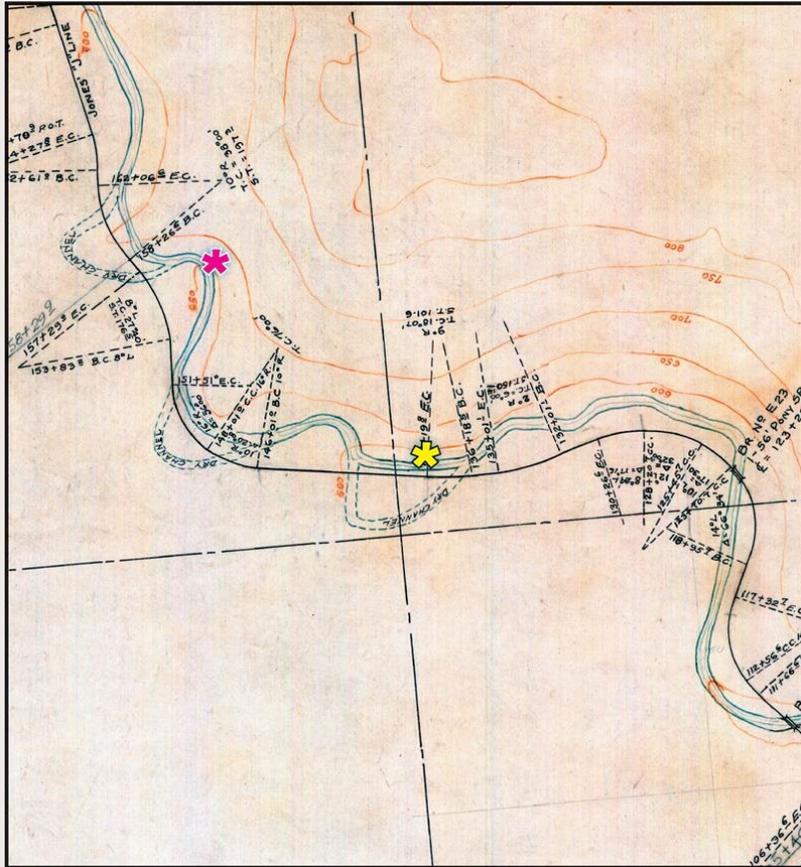
Moose Creek Restoration



Eska Creek Culvert Replacement

CVTC Fish Passage Restoration Projects: Past, Current, Future

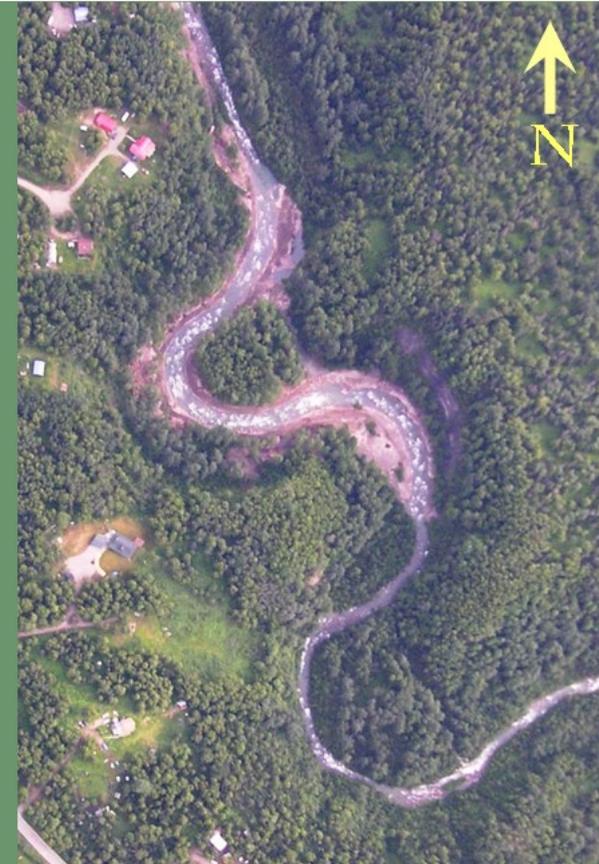
Moose Creek Restoration Phase 1



Railroad Stream Realignment



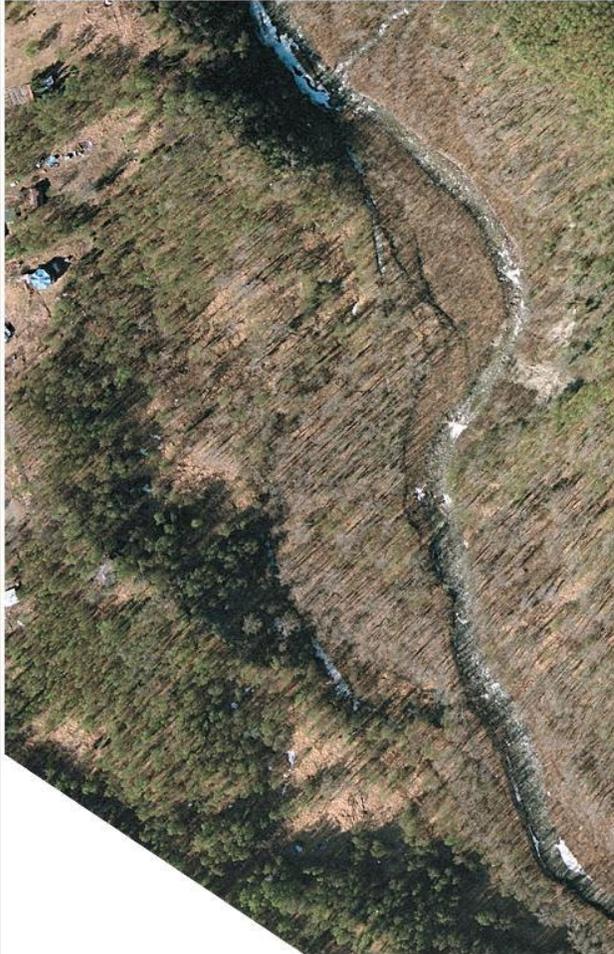
Before restoration



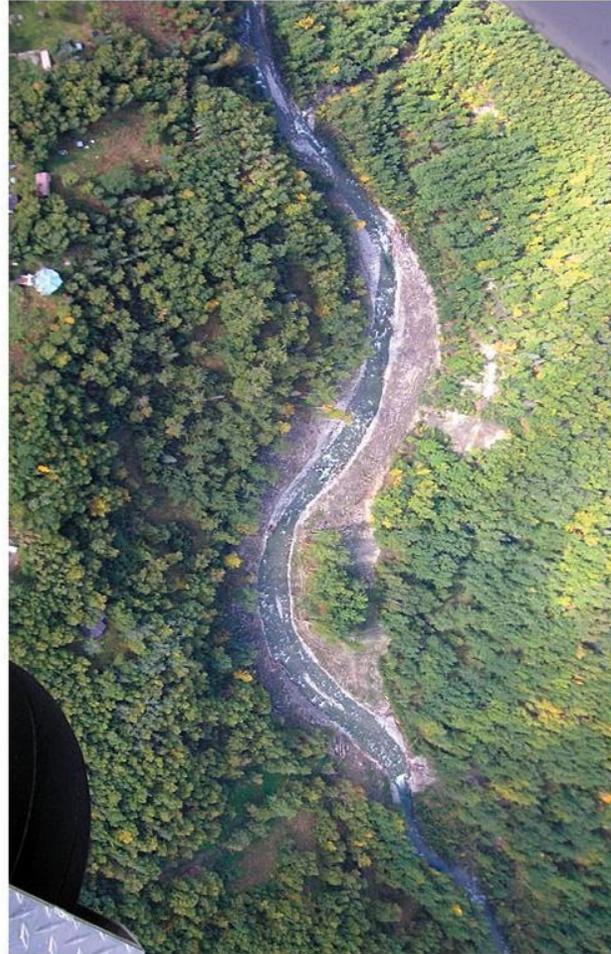
After restoration

CVTC Fish Passage Restoration Projects: Past, Current, Future

Moose Creek Restoration Phase 2



Before restoration



After restoration

CVTC Fish Passage Restoration Projects: Past, Current, Future

Eska Creek Culvert Replacement



Before restoration



After restoration



NOAA Funding and CVTC Fish Passage Program

- NOAA's Restoring Tribal Priority Fish Passage through Barrier Removal Bipartisan Infrastructure Law
- CVTC proposal – three parts to build Tribal capacity in fish passage
 - *Fish Passage Restoration (Culvert removals)*
 - *Free Tribal Trainings for Fish Passage*
 - *Alaska Tribal Fish Passage Working Group*

Fish Passage Restoration Projects: Current, Future



Culvert 1 Downstream



Culvert 1 Upstream



Culvert 2 Downstream

Free Tribal Trainings for Fish Passage



Want to Restore Streams for Fish?
Want to improve Salmon Habitat?

DON'T MISS THIS FREE TRAINING!!

- For Tribal entity staff including:
- Fish Technicians
 - Environmental Staff
 - Biologists
 - Road Project Managers
 - Engineers

Funded by The Restoration Center of NOAA Fisheries
Free Trainings for Tribal entities on fish passage restoration

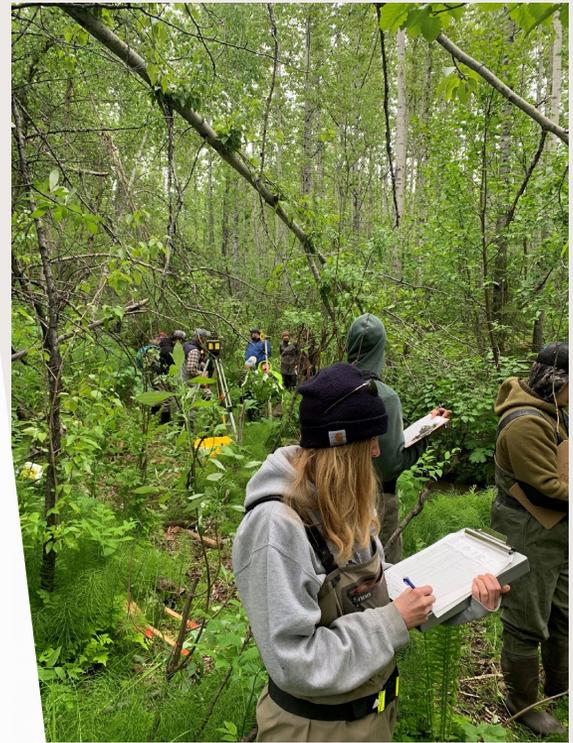
JUNE 12-15, 2023 INTRO TO RIVER FORMS & PROCESSES

Chickaloon Village Traditional Council will be hosting Will Harman with Stream Mechanics, PLC.

Workshop Purpose: increase Tribal knowledge and skills to engage in fish passage restoration, including:

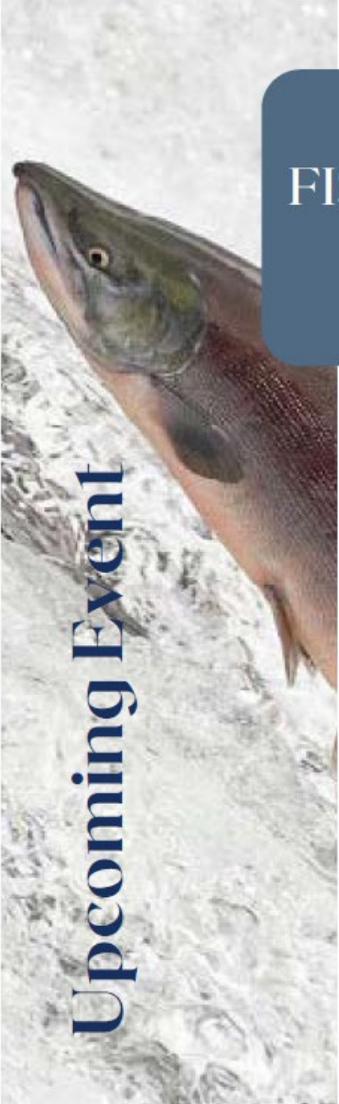
- basic science concepts of how rivers work
- how to collect and analyze basic stream form data
- introduction to stream restoration approaches
- daily classroom presentations and exercises
- field visits and activities daily

Training in Sutton and Palmer June 12-15, 2023 8:30-5pm
Register Today!
smfreeman@chickaloon-nsn.gov or call 907.745.0749



Alaska Tribal Fish Passage Working Group

- Quarterly, virtual meetings
- Tribally -led for Tribal Entities
- Options for virtual, short trainings
- Discussions on projects and difficulties
- Funding opportunities in Fish Passage
- Contact lists and Resource lists for project support



Upcoming Event

TRIBAL FISH PASSAGE WORKING GROUP

Quarterly Meeting

- Discuss fish passage projects in Alaska
- Learn about current/upcoming funding opportunities and upcoming training opportunities
- Meet other Tribal entities working in fish passage

 Zoom Virtual Meeting

 **Tuesday, June 27th 2023**
10 am - 11:30 am

Zoom Link:
<https://us02web.zoom.us/j/9789393491?pwd=ZEEd4ZitVVnRkUjEVENMFJHMzdQb2hKdz09>

Meeting ID: 978 939 3491
Meeting Password: 1234

Come and join us!





Tsin'aen Siigu
(thank you very
much)!

Questions?

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