

Capacity Building Among Alaskan Tribal Entities:

A New Approach to Fish Passage Restoration

Andrea James

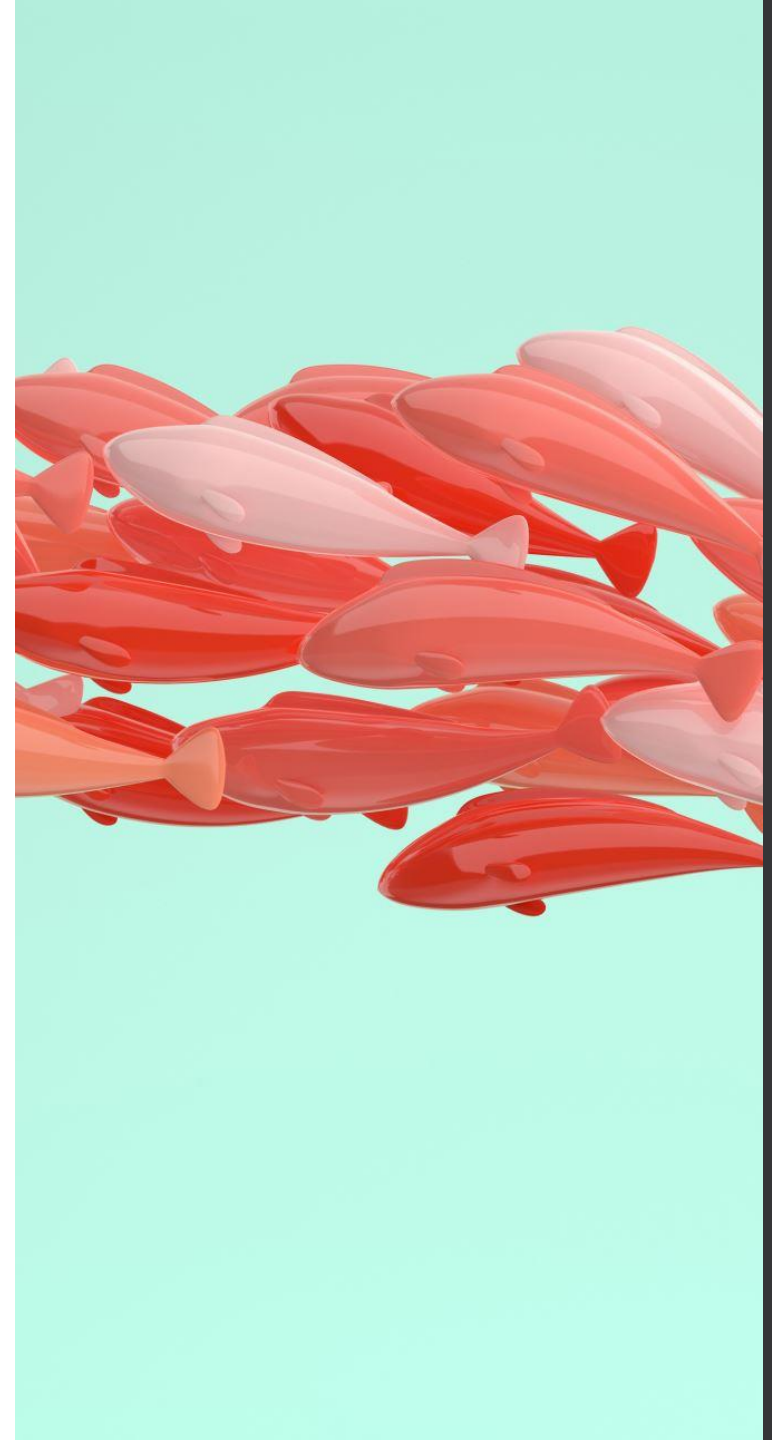
Environmental Program Manager
(Fish Passage Program)

Chickaloon Village Traditional Council



Topics:

- Background: Chickaloon Native Village
- Alaska Salmon: Food Security and Cultural Lifeways
- Barriers to Fish Passage
- NOAA Tribal Funding and CVTC Objectives
 - Fish Passage Restoration & Future Opportunities
 - Free Tribal Trainings (successes & lessons learned)
 - Alaska Tribal Fish Passage Working Group



Background: Chickaloon Native Village

- Ahtna Dene Tribe: stewarded the area for 10,000 years
- Matanuska Watershed affected by coal mining, railroad and highway construction (1914+)
- 1973 Tribal Elders re-established Chickaloon Village Traditional Council (CVTC) and federal recognition.
- Mission = reassert the Tribe's identity and cultural traditions and create economic self-sufficiency

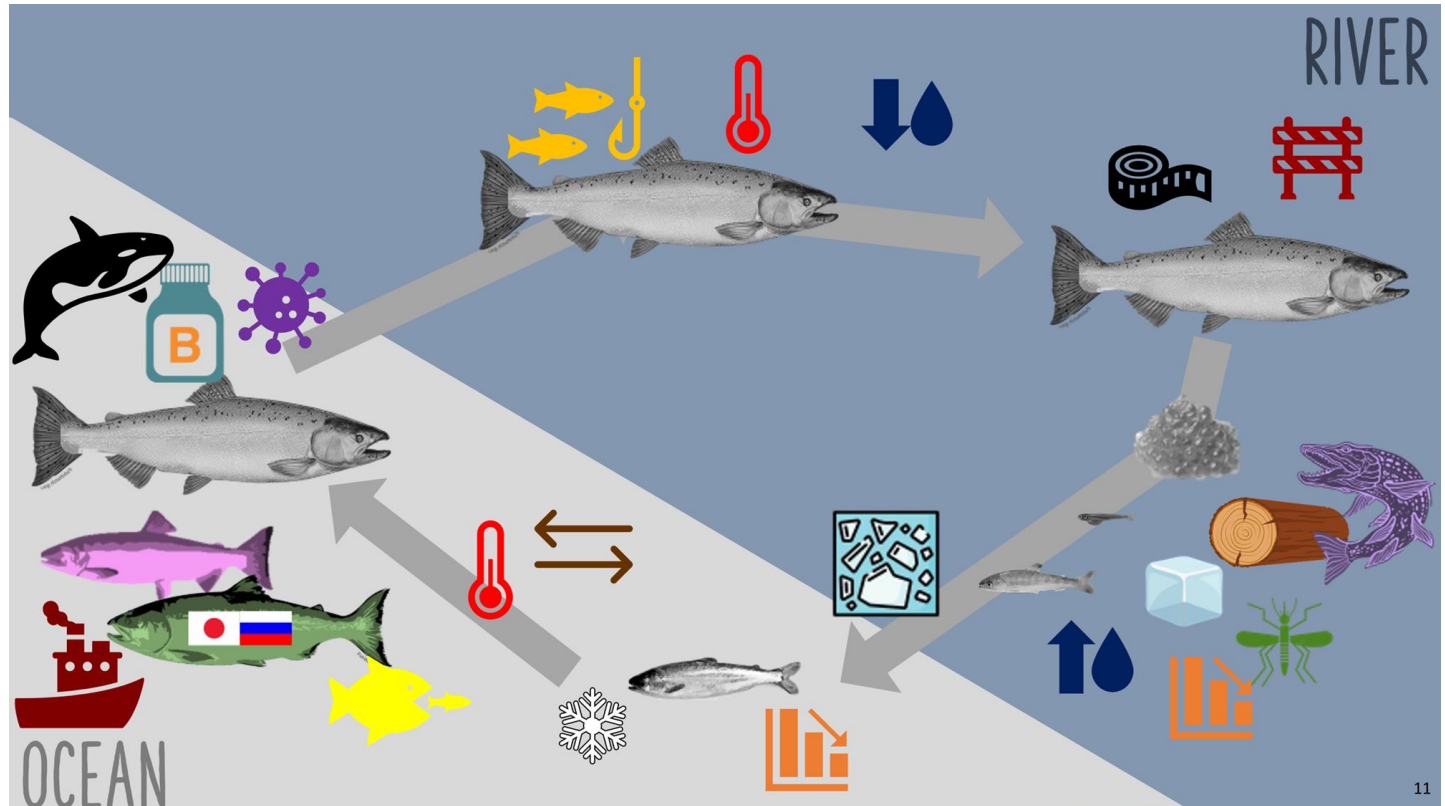
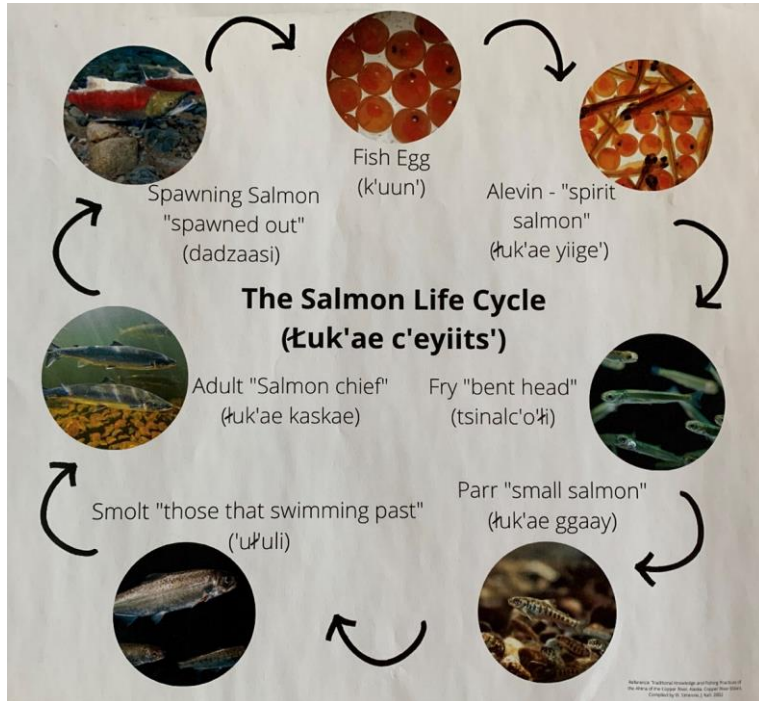




Tribal youth at Culture Camp



Alaska Salmon (Łuk'ae): Food Security and Cultural Lifeways





Fish Passage Barriers

Funded Project

NOAA's Restoration Center:
Restoring Tribal Priority
Fish Passage through
Barrier Removal -
Bipartisan Infrastructure
Law

CVTC Project- build Tribal
capacity in fish passage:

- *Fish Passage Restoration
(Culvert replacements)*
- *Free Tribal Trainings on
Fish Passage Topics*
- *Alaska Tribal Fish
Passage Working Group*





Culvert 1 Downstream

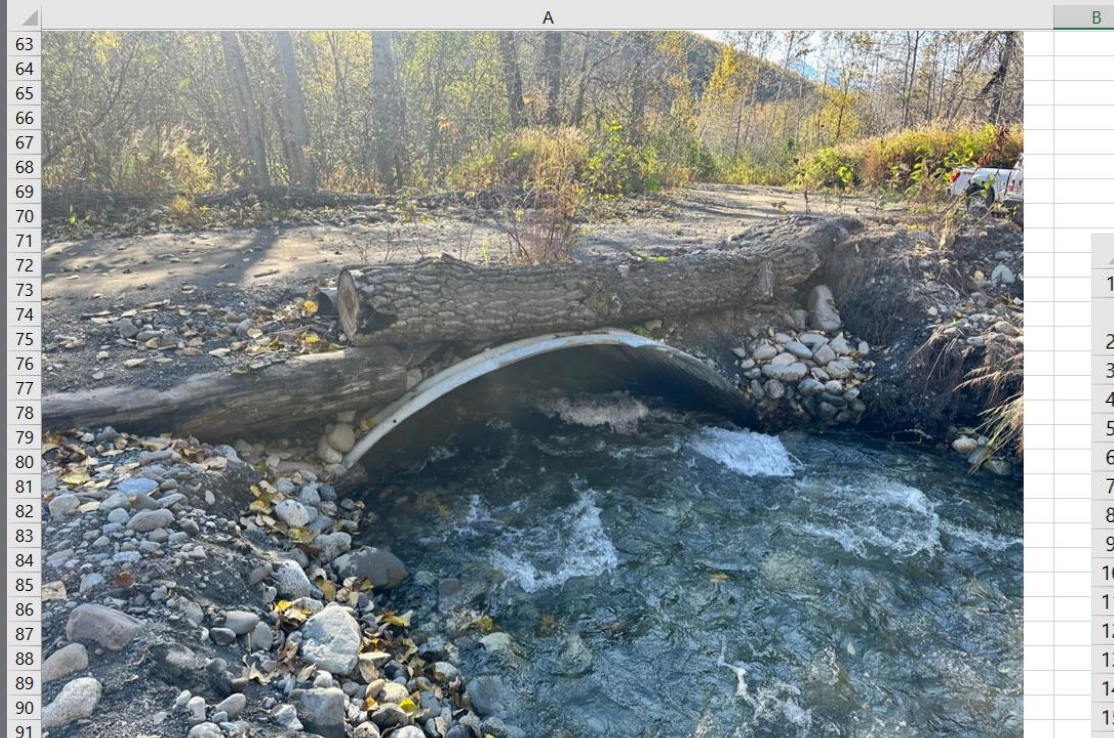


Culvert 1 Upstream



Culvert 2 Downstream





South Culvert Inlet - Culvert is roughly 15ft wide and 23ft long with the downhill half beginning to collapse at the collar - roughly 2ft of fill over top of culvert

Site Details MP 69 EC BMR LGC MP 64.5 WLO MCR SL MP 68 YC LGC2 MP 71.3 Premier

	A	B
1	Young Creek	
2	Description: Two steel culverts installed where Chickaloon Trail crosses Young Creek. One Culvert is partially collapsing and the streambed elevation, as well as flow is much lower in the one of the channels.	
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		
21		
22		
23		
24		
25		
26		
27		
28		
29		
30		
31		
	Site Details MP 69 EC BMR LGC MP 64.5 WLO MCR SL MP 68 YC LGC2 MP 71.3 Premier	

Finding, Mapping, Planning for Future Restoration Opportunities



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

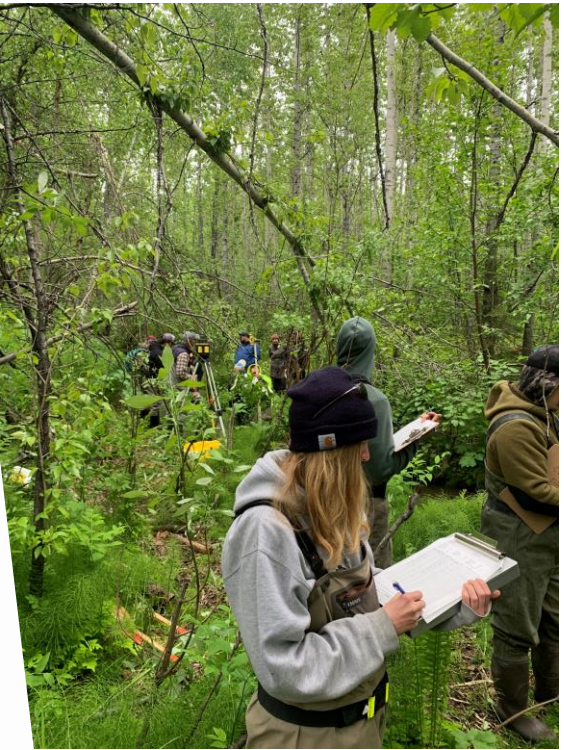
JUNE 12-15, 2023 INTRO TO RIVER FORMS & PROCESSES

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:

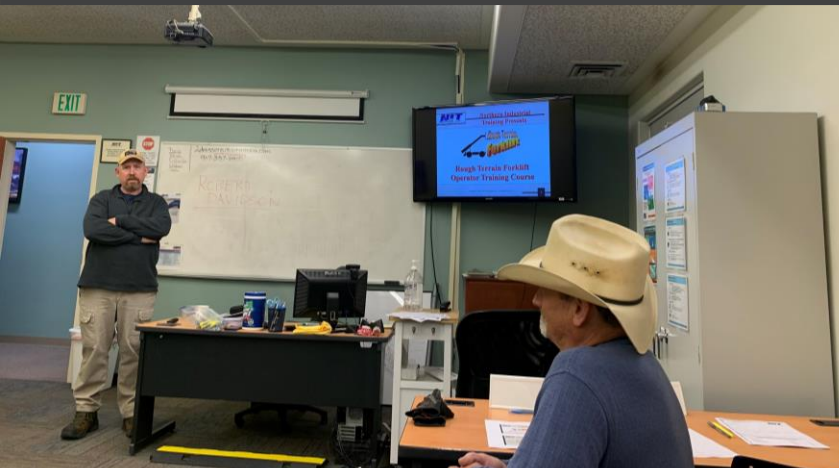
- basic science concepts of how rivers work
- how to collect and analyze basic stream form data
- introduction to stream restoration approaches
- daily classroom presentations and exercises
- field visits and activities daily

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



Free Tribal Trainings for Fish Passage





Free Tribal Trainings
for Fish Passage



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=ZEEd4ZitVVnRkUEVNMEJHMzdQb2hKdz09>

Meeting ID: 978 939 3491
Meeting Password: 1234

Come and join us!



Alaska Tribal Fish Passage Working Group

- Quarterly, virtual meetings
- Tribally-led for Tribal Entities
- Virtual, short trainings
- Discussions on projects and challenges
- Fish Passage Funding Announcements
- Fish Passage Training Invitations
- Contacts & Resource Lists for support



Tsin'aen Siigu
(thank you
very much)!

Questions?

Andrea James

Environmental Program Manager
(Fish Passage)

(812) 241-0942

aljames@chickaloon-nsn.gov