



Trip Report: Mink Creek

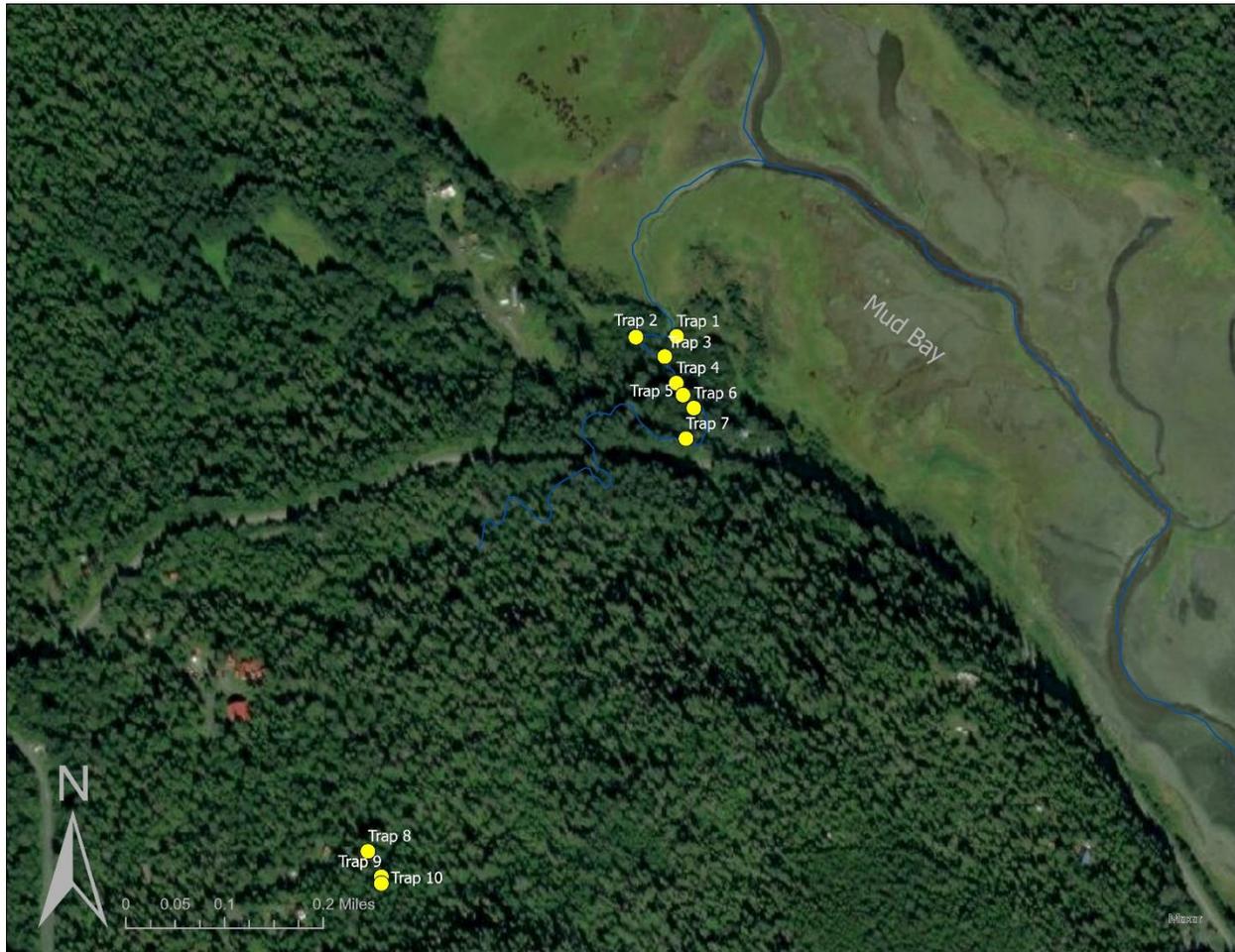
Anadromous Stream #: 115-34-10220-2011 Permit: SF2023-115

Date: 7/25/2023 Technicians: Stacie Evans, Dan Schultz

Minnow Traps: 10 Trapping Duration: 22hrs

Species and life stage: CO_r, CT_r, DV_r

Location:



Meridian	Township	Range	Section
Copper River	31 South	60 East	29

Trap Locations					
	Latitude	Longitude		Latitude	Longitude
Trap #1	59.157381	-135.358671	Trap #6	59.156842	-135.35842
Trap #2	59.157376	-135.35927	Trap #7	59.156613	-135.358535
Trap #3	59.157228	-135.358849	Trap #8	59.153515	-135.363191
Trap #4	59.157031	-135.358678	Trap #9	59.153324	-135.362995
Trap #5	59.156942	-135.358582	Trap #10	59.153275	-135.362997

Trap Results					
	Species	Fork Length (mm)		Species	Fork Length (mm)
Trap #1	Coho	105	Trap #6	Coho	50
Trap #1	Cutthroat	125	Trap #6	Dolly Varden	80
Trap #1	Slimy sculpin	90	Trap #7	Slimy sculpin	65
Trap #1	Slimy sculpin	80	Trap #7	Coho	50
Trap #1	Slimy sculpin	75	Trap #7	Coho	90
Trap #1	Slimy sculpin	40	Trap #8	Cutthroat	85
Trap #1	Slimy sculpin	40	Trap #8	Cutthroat	80
Trap #2	Slimy sculpin	90	Trap #8	Cutthroat	95
Trap #2	Slimy sculpin	80	Trap #8	Cutthroat	100
Trap #2	Coho	90	Trap #9	Cutthroat	100
Trap #3	Cutthroat	55	Trap #9	Dolly Varden	100
Trap #3	Slimy sculpin	90	Trap #10	Cutthroat	85
Trap #3	Slimy sculpin	45	Trap #10	Cutthroat	75
Trap #3	Cutthroat	60	Trap #10	Cutthroat	100
Trap #4	None	-	Trap #10	Cutthroat	90
Trap #5	Cutthroat	95	Trap #10	Dolly Varden	75
Trap #5	Coho	75	Trap #10	Dolly Varden	70
Trap #6	Coho	90			



Top Right: Two cutthroat captured in trap #10,
Top Left: Two coho and one sculpin captured in
trap #7, Bottom Right: One cutthroat and one
Dolly Varden captured in trap #9.

Notes: A culvert was removed from Mink Creek to improve fish passage on 8/7/2020. Trapping was conducted to monitor efficacy of this restoration project. Traps #1-3 were set downstream of the old culvert site on 7/25/2023. Trap #4 was set under the foot bridge where the culvert used to be, and traps #5-7 were set upstream. Traps #8-10 were set well upstream where the technicians own private property. Coho were captured as far upstream as trap #7 and cutthroat and Dolly Varden were captured in the uppermost trap. A culvert with a 0.5' outfall height at medium streamflow passes under Mud Bay road, downstream of where traps #8, 9, and 10 were set. While this red rated culvert is likely inadequate for fish passage, it is not a full barrier to Dolly Varden and cutthroat trout.

Recommendations: Extend upper reach of the Anadromous Waters Catalog to 59.153275, -135.362997 for Dolly Varden and cutthroat trout.