

Muskrat Creek (115-32-10250-2081) Tributary 4 Addition*Stream:* Muskrat Creek (115-32-10250-2081) Tributary 4*Watershed:* Chilkat-Inlet Frontal Lynn Canal*USGS Quadrangle:* Skagway B-3*MTRS:* CO28S056E30*Date Surveyed:* August 10, 2012

Findings: We surveyed this uncataloged tributary to Muskrat Creek (115-32-10250-2081). The lower portion of this stream consists of gravel substrate with many upwellings, providing great spawning habitat. We observed spawning sockeye salmon in this section. The upper portion of this stream has many upwellings and originates from a small seep adjacent to the Haines Highway. We caught juvenile coho salmon in the upper portion of the stream.

Recommendations: Add this tributary to the AWC.

Nomination form submitted: Yes

Nomination status:

Notes:

Table 1: Muskrat Creek (115-32-10250-2081) Tributary 4 Addition Survey Data

Waypoints	Latitude	Longitude	Notes	Sample Effort	Sample Results
25	59.412741	-135.951743	Visual ID- 4 Sockeye at confluence. We are going to track RR.	visual	4 sockeye
26	59.412461	-135.952303	Tributary enters river right.		
29	59.412494	-135.952365	Sockeye and redds present	visual	sockeye
30	59.412236	-135.953005	Sockeye and redds present up to this point and below. Great spawning habitat. Gravel and many upwellings.	visual	sockeye
31	59.411876	-135.954822	We have not seen a sockeye since WPT 30. We are going to e-fish. Caught 3 DV. Continue to track up.	electrofishing	3 DV
32	59.411727	-135.954951	E-fished 2 coho and 13 DV	electrofishing	2 CO, 13 DV
33	59.411367	-135.955098	Caught one coho in a giant upwelling ~ 65mm.	electrofishing	1 CO ~ 65mm
34	59.410707	-135.954821	Top of tributary. Right next to the road. We did not see any other fish past WPT 33.		



Figure 1: Map of Muskrat Creek Tributary 4 (115-32-10250-2081) Addition