

Moose Meadows Creek

Stream: Moose Meadows Creek (115-32-10120)

Watershed: Chilkat-Inlet Frontal Lynn Canal

USGS Quadrangle: Skagway_A-1

MTRS: CO32S060E06

Date Surveyed: July 10-12, 2012

Findings: This stream meanders through the forest with a rearing coho throughout. One juvenile Chinook salmon was caught in the lower reaches of the creek. This route of Moose Meadows Creek differs from that illustrated in the AWC.

Recommendations: Add this stream route correction to the AWC

Nomination form submitted:

Nomination status:

Notes:

Table 1: Moose Meadows Creek Survey Data

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
65	59.13095	-135.379689	Mouth of creek going into ocean/river. The tide is low so we are starting track below high water. Tracking and shocking up.		
66	59.13026	-135.377989	This is where foot trail crosses creek. There is no bridge or culvert here, the trail just runs through creek.		
67	59.13015	-135.377955	Electrofisher settings: 400V, 30Hz and 12% duty cycle. Got one Chinook got one cutthroat about 45mm.	Electrofishing	1 Chinook and 1 Cutthroat about 45mm
68	59.13014	-135.376626	Electrofished changed the volts to 350v and got one cutthroat about 70mm.	Electrofishing	1 Cutthroat about 70mm
69	59.13008	-135.375923	Electrofished and got one Coho about 40mm and one Cutthroat about 85mm. Battery died so will be just tracking now. Will have to come back or shock above and see what happens.	Electrofishing	1 Coho about 40mm and 1 Cutthroat 85mm
70	59.13037	-135.374324	Foot trail bridge crosses creek. Stopped tracking because have to come back to shock anyway.		
87	59.13054	-135.373984	Electrofished (375V, 30Hz, 12% duty cycle, caught 1 DV, several sculpin	Electrofishing	1 DV, several sculpin
88	59.13063	-135.373579	Electrofished, caught 1 cutthroat, several sculpin	Electrofishing	1 cutthroat, several sculpin
89	59.13072	-135.373483	Electrofished, caught 1 coho ~85, 1 large female cutthroat ready to spawn	Electrofishing	1 coho ~85, 1 cutthroat
90	59.13069	-135.373144	Electrofished, caught 1 coho ~65	Electrofishing	1 coho ~65

91	59.1307	-135.372377	Electrofished, caught 2 coho ~60-70	Electrofishing	2 coho ~60-70
92	59.13042	-135.371811	Tributary enters on River Left, begin tracking		
111	59.13037	-135.371224	Electrofished, caught 1 DV, 1 sculpin	Electrofishing	1 DV, 1 sculpin
112	59.13031	-135.371025	Electrofished, caught 1 DV, 2 sculpin	Electrofishing	1 DV, 2 sculpin
113	59.13029	-135.370803	Electrofished, caught 1 coho ~64	Electrofishing	1 coho ~64
114	59.12998	-135.369699	Electrofished, caught 1 coho ~65, 1 cutthroat ~75, 1 sculpin	Electrofishing	1 coho ~65, 1 cutthroat ~75, 1 sculpin
115	59.12992	-135.369233	Electrofished, caught 1 coho ~60	Electrofishing	1 coho ~60
116	59.12971	-135.368285	Electrofished, caught 2 cutthroat	Electrofishing	2 cutthroat
117	59.12976	-135.367904	Electrofished, caught 1 cutthroat	Electrofishing	1 cutthroat
118	59.12958	-135.367712	Tributary enters on River Left, begin tracking		
169	59.12967	-135.367704	Begin tracking up mainstem. Shocking at 375 V, 30 Hz, 12.5 % Duty Cycle. 1 DV - 30 mm, 2 Sculpin, 2 Cutthroat 55-60 mm, lowered volts to 350 due to poor recovery time.	Electrofishing	2 Cutthroat - 55-60 mm, 1 DV - 30 mm, 2 sculpin
170	59.1297	-135.367306	1 Cutthroat - 110 mm	Electrofishing	1 Cutthroat - 110 mm
171	59.12943	-135.366693	1 Cutthroat - 95 mm, 1 sculpin	Electrofishing	1 Cutthroat - 95 mm, 1 sculpin
172	59.1293	-135.366472	Spot where stream goes under trail bridge - captured 1 cutthroat - 40 mm	Electrofishing	1 cutthroat - 40 mm
173	59.12934	-135.366256	Electrofished 1 DV - 65 mm, 3 cutthroat 45-110 mm.	Electrofishing	1 DV - 65 mm, 3 Cutthroat 45-110 mm
174	59.12936	-135.365652	Tributary enters on River Left - track and fish our way up.		
182	59.12946	-135.365621	2 cutthroat - 45-60 mm, 2 more cutthroat 40-50 mm, 1 DV 65 mm captured, resume upstream	Electrofishing	4 Cutthroat - 45-60 mm, 1 DV - 65 mm
183	59.12951	-135.365295	3 cutthroat 50-60 mm, adjusted volts to 325 due to presence of some large cutthroat	Electrofishing	3 Cutthroat 50-60 mm
184	59.12994	-135.365211	Gradient increases but will continue to fish our way upstream - no apparent barriers		
185	59.13149	-135.36466	Calling it the top - likely well above anadromous habitat although habitat quality remains good. We attempted fishing several nice pools and haven't caught anything for quite a while		

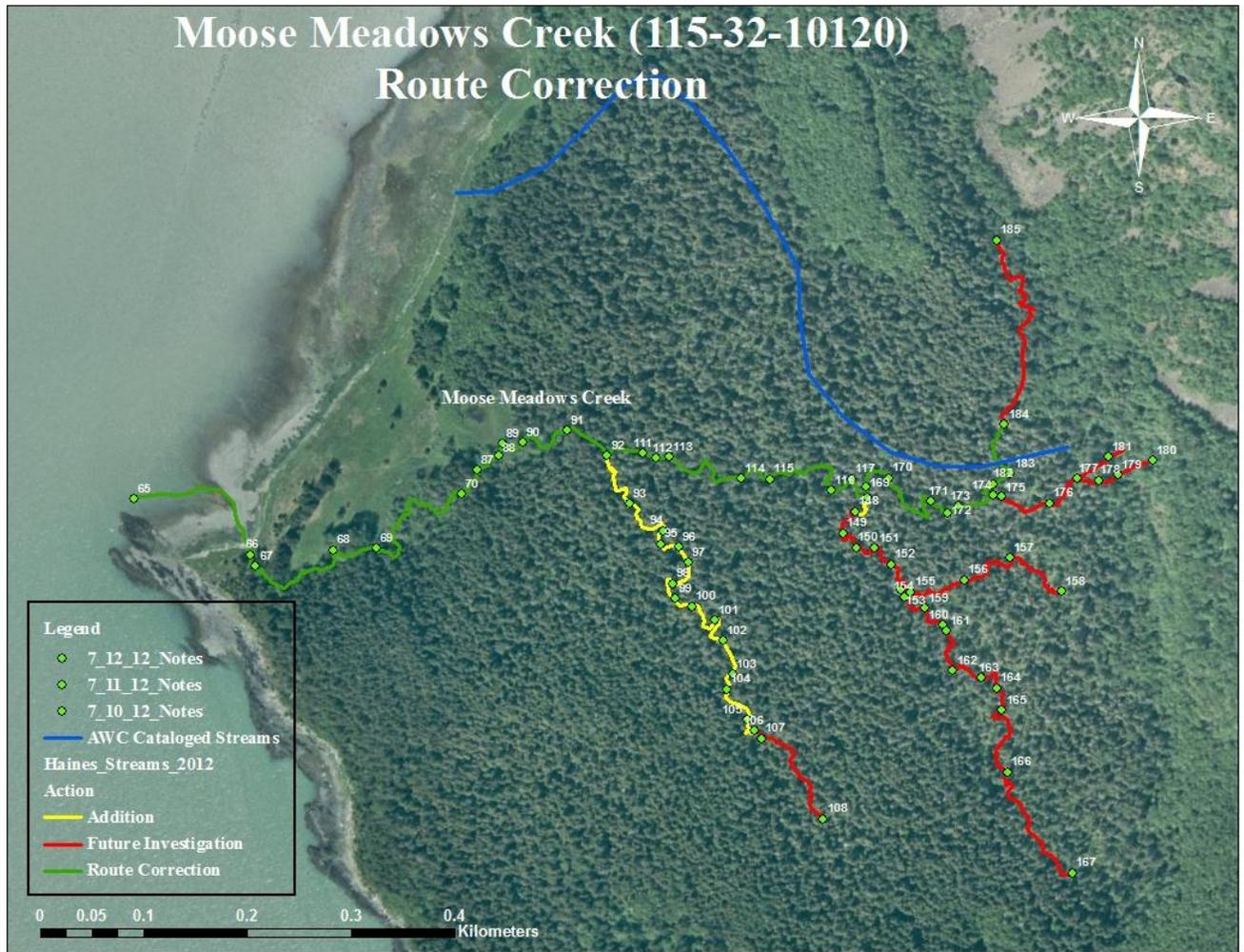


Figure 1: Map of Moose Meadows Creek (115-32-10120) Correction Map