



112-63-10050

Species Addition / Route Correction

Water Body Name: *Coot Cove Creek

HUC12: 190103010716

Species & Lifestage Observed: CO, CTp, DVp

MTR: C042S064E / C041S064E

Observation Date: 06/06/2024

Quad: Juneau B-3 SW

Observers: Mark Hieronymus, Savannah Brusett, Lydia Krauss

Observations: We walked this stream from its saltwater terminus to a point ~1.5km upstream with a GPS, and observed and captured juvenile coho salmon with hand nets and minnow traps. We also captured cutthroat trout, Dolly Varden, and sculpins (species unidentified) in minnow traps. During the course of observations, comparison of the 2024 Anadromous Waters Catalog arc and our field-verified stream path for 112-63-10050 suggests a route correction is needed. Observation locations and notes are in Table 1, fish and stream photos and a map showing observation locations and route correction are in Figures 1-12.

Table 1.- 112-63-10050 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.256350	-134.906947	6/6/24 112-63-10050 *Coot Cove Ck. Obs: MH LK SB 8:35am 100% OVC, R- H2O Temp: 9.7°C, strongly tannic. Tide: -3.49 @ 7:45am (Stn 9452210) Approx MLLW based on beach gradient, tide stage observation. Start of US obs.		
2	58.259312	-134.908141	Several juvenile coho salmon observed here, one captured in hand net. In mid-meadow reach, ~50m US of tideflat. Stream is 2-3m wide, 2-15cm deep, substrate is cobble/boulder with gravel interspersed, gradient 2-3%.	VI HN	4-6 CO 1 CO
3	58.259635	-134.908103	Several juvenile coho salmon observed here, 2 hand-netted.	VI HN	6-10 CO 2 CO
4	58.260070	-134.908834	1 Minnow trap set here, 4hr45min soak, 2 CT 1 Sculpin, species not identified.	MT	2 CT 1 Sculpin
5	58.260274	-134.909176	2 juv coho hand-netted here. Stream characteristics continue.	HN	2 CO
6	58.260731	-134.909841	2 juv coho hand-netted here. Gradient now 1-2%, substrate gravel with cobble and occasional boulder, more LWD in stream. More pools than riffles, Lots of moss on substrate/submerged wood. Tannic water hindering fish spotting, H ₂ O visibility <50cm.	HN	2 CO
7	58.261447	-134.909871	1 MT set here, 3hr45min soak, 1 CT 1 DV 1 CO and 5 Sculpin.	MT	1 CT 1 DV 1 CO 5 Sculpin



Table 1.- 112-63-10050 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
8	58.261927	-134.909637	2 juv coho hand-netted here. Stream characteristics continue.	HN	2 CO
9	58.262437	-134.910399	1 juv coho hand-netted here.	HN	1 CO
10	58.262852	-134.910606	Stream flattens out, gradient now <1%. Stream 1-2m wide. Long, slow pools 20-50cm deep, substrate gravel with some sand. Incised 50cm-1.5m. Lots of LWD, some spanning logs and cutbanks.		
11	58.262898	-134.911016	1 juv coho hand-netted here.	HN	1 CO
12	58.26334	-134.911534	1 MT set here, 2hr25min soak, 3 CT and 9 CO. CO appear to be age 1+.	MT	3 CT 9 CO
13	58.264587	-134.912446	2 juv coho hand-netted here.	HN	2 CO
14	58.265622	-134.912458	1 MT set here, 1hr45min soak, 4 CT and 16 CO.	MT	4CT 16 CO
15	58.265977	-134.91252	1 juv coho hand-netted here. Stream characteristics continue.	HN	1 CO
16	58.265951	-134.91269	1 CT hand-netted here.	HN	1 CT
17	58.266231	-134.912865	Active beaver dam here, ~4m wide, ~40-50cm high, some sticks with leaves still on. Water overtopping along width. 1 MT set on US side of dam, 1hr5min soak, 1 CT and 4 CO. All CO appear age 1+.	MT	1 CT 4 CO
18	58.266578	-134.912505	Beaver dam here, ~4m wide, 50-70cm high, water overtopping in a few spots. Upstream of dam, channel is too deep/wide to hand net, and we're out of traps. End of US obs.		



Figure 1.- Looking upstream at the intertidal portion of 112-63-10050 from waypoint 1.



Figure 2.- Juvenile coho salmon netted at waypoint 2.



Figure 3.- Looking downstream from waypoint 2 at short meadow reach and tide flat.



Figure 4.- Looking upstream from waypoint 2 towards end of meadow reach.



Figure 5. Downstream view from waypoint 10 showing general stream characteristics in this reach.



Figure 6.- Upstream view from waypoint 10 showing general stream characteristics in this reach.



Figure 7.- Juvenile coho captured in a minnow trap set at waypoint 12.



Figure 8.- Looking upstream towards beaver dam at waypoint 17.



Figure 9.- Juvenile coho captured in a minnow trap set ~10m upstream of beaver dam at waypoint 17.



Figure 10.- Looking upstream towards beaver dam at waypoint 18.



Figure 11.- Looking downstream from waypoint 18 at general stream characteristics in this reach.

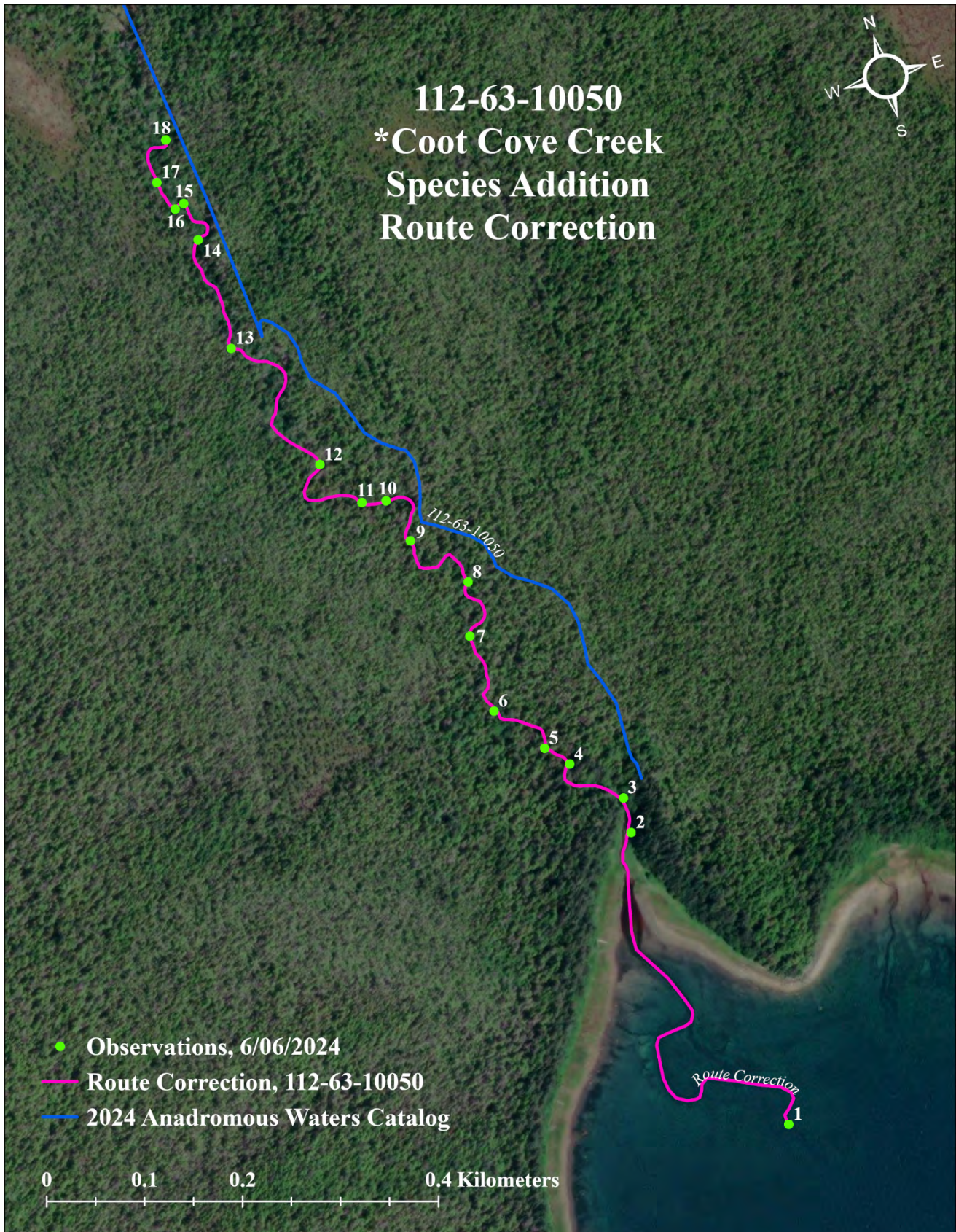


Figure 12.- Map of 112-63-10050 showing observation locations and route correction.