



114-25-10120

Species Addition / Route Correction

Water Body Name: *East Homeshore Creek

HUC12: 190103021402

Species & Lifestage Observed: COr, Ps, DVp

MTR: C041S061E

Observation Date: 08/08/24

Quad: JUNEAU B-5 SE

Observers: Mark Hieronymus, David McKenna, Kevin Miller

Observations: We walked this listed stream from its tidewater confluence with 114-25-10100 to a point approximately 1.75 kilometers upstream with a GPS. We observed adult pink salmon spawning in the meadow reach, and observed several large Dolly Varden char in that area as well (Waypoints 5, 6). We observed and captured juvenile coho salmon as well as cutthroat trout, rainbow trout, Dolly Varden char, and sculpins (not identified at species level) with hand nets and minnow traps. We ended observations at a probable barrier to pink and chum salmon passage (Waypoint 14, Figure 6). During the course of observations, comparison of the 2024 Anadromous Waters Catalog arc and our field-verified stream path for 114-25-10120 suggests a route correction is needed. I have included a route correction for 114-25-10100 as well, as its 2024 AWC arc terminates ~270m upstream from the confluence of -10120 and -10100, and does not include the ~575m from the confluence to MLLW. Observation locations and notes are in Table 1. Fish, stream, and feature photos and a map showing observation locations and route corrections are in Figures 1-7.

Table 1.- 114-25-10120 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.311023	-135.383096	At saltwater terminus of 114-25-10100 (Homeshore Ck), 9:56am 08/08/24. Tide stage (Stn 9452447, Excursion Inlet North End) - 0.01 @10:20am - Close enough to low slack to call this observed MLLW. Hundreds of pinks milling offshore, several thousand along shoreline to either side of mouth.		
2	58.309864	-135.376290	Confluence of 114-25-10100 and 114-25-10120, 10:05am. Observers: MH, Kmill, DMcK. 100% clear sky, hot. H ₂ O temp of -10120 - 11°C. Several dozen adult pink salmon in -10100 at confluence.		
3	58.309439	-135.375678	15-20 juvenile coho seen here, 2 netted. Stream winds through meadow, low ($\leq 1\%$) gradient, pea gravel / sand substrate here.	VI HN	15-20 CO 2 CO
4	58.309551	-135.373467	8-10 juv coho seen here, 3 netted. Several adult P seen between wpt 3 and here.	VI VI HN	6-7 Adult P 8-10 CO 3 CO
5	58.309552	-135.371309	5-6 juv coho seen here, 1 netted. 8-10 adult P and 10-12 large (>25cm) DV in deep hole. DV have very silvery appearance, and 3-4 are 30cm+, suggesting anadromy in recent life history.	VI VI VI HN	8-10 Adult P 10-12 DV 5-6 CO 1 CO

Table 1.- 114-25-10120 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
6	58.308894	-135.370742	4-5 juv coho seen here, 2 netted. 3 large DV spooked from under tree while netting CO. Several pairs of pinks on redds between wpt5 and here. Stream characteristics continue.	VI VI VI HN	10-12 Adult P 3 DV 4-5 CO 2 CO
7	58.307932	-135.368395	5-6 juv coho seen here, 2 netted. A dozen or so pinks seen between wpt6 and here. Out of meadow and into old-growth, slight gradient increase, substrate now gravel with some cobble, lots of LWD in channel.	VI VI HN	12-14 Adult P 5-6 CO 2 CO
8	58.307749	-135.367273	Fresh adult P parts (jaw, opercle, caudal peduncle/fin) on bank here, 3 other adult P seen between wpt 7 and here. Gradient now ~2%, substrate gravel / cobble, lots of LWD.	VI VI	3 Adult P 1 Partial P
9	58.308085	-135.366301	Gradient now 2-3%, substrate cobble/gravel, lots of LWD and spanning logs in channel. 1 minnow trap set here, 2hr40min soak, 16 DV, 2 RBT, 1 CT, 10 sculpins, not identified at species level. All DV ≤ 15 cm, parr marked.	MT MT MT MT	16 DV 2 RBT 1 CT 10 Sculpin
10	58.308153	-135.364950	Gradient now 3-4%, substrate cobble with some gravel, bedrock in places, lots of LWD and spanning logs. 1 MT set here, 2hr15min soak, 9 DV, 1 CT, 9 sculpins. All DV ≤ 15 cm, parr marked.	MT MT MT	9 DV 1 CT 9 Sculpin
11	58.307877	-135.363313	Lots of bedrock, LWD. Substrate cobble with some gravel, a couple small (<70cm) debris dams and bedrock steps between wpt 10 and here. 1 MT set here, 1hr40min soak, 8 DV. All DV ≤ 15 cm, parr marked.	MT	8 DV
12	58.307595	-135.363169	1 MT set here, 1hr20min soak, 16 DV. All DV ≤ 15 cm, parr marked.	MT	16 DV

Table 1.- 114-25-10120 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
13	58.307470	-135.362990	General stream characteristics noted at wpt 11 continue. 1 MT set here, 1hr 15min soak, 6 DV. All DV \leq 15cm, parr marked.	MT	6 DV
14	58.306890	-135.362359	At FS Road Xing (8550-1.411) - Bedrock chute here, water flows over convex bedrock. 2.9m rise over ~10m run, ~29% gradient, probable barrier to pink and chum passage at this water level. 1 MT set in pool below chute, 50min soak, 12 DV. Time constraints necessitate stoppage of upstream obs here.	MT	12 DV



Figure 1.- Looking up 114-25-10100 from waypoint 1.



Figure 2.- Two juvenile coho captured at waypoint 3.



Figure 3.- Juvenile coho captured at waypoint 7.



Figure 4.- Rainbow trout (top) and cutthroat trout captured in a minnow trap at waypoint 9.



Figure 5.- Rainbow trout captured at waypoint 9.



Figure 6.- Looking upstream at probable barrier to pink and chum salmon at waypoint 14.

