



## Tributary of 112-15-10420

## Waters Addition

**Water Body Name:**

**HUC12:** 190103010707

**Species & Lifestage Observed:** COr

**MTR:** C039S062E

**Observation Date:** 07/02/2025

**Quad:** Juneau B-4 NE / C-4 SE

**Observers:** Mark Hieronymus, Kurt Iverson, David McKenna

**Observations:** We walked this unlisted tributary from its confluence with 115-12-10420 to a point approximately 2.4km upstream with a GPS. We observed and captured juvenile coho salmon with hand nets. Observation locations and notes are in Table 1, fish and habitat photos and a map showing waters addition and observation locations are in Figures 1-9.

Table 1.- Tributary of 112-15-10420 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.498460	-135.138608	07/02/25 0900 North side (River Left) Tributary, Lynn Sisters. 100% OVC, Good fish-spotting conditions. Several small fish seen at confluence. Start of US observations.		
2	58.498978	-135.139349	Several dozen juvenile coho here, appear to be young-of-year. 2 juv CO hand-netted. Stream bedwidth ~8-10m, wetted width ~3-5m, incised ~1-2m, substrate gravel/pea gravel, some LWD in channel, very low gradient. H2O temp measured here, 7.2°C.	VI HN	35-40 CO 2 CO
3	58.499307	-135.140822	Trib joins Lynn Sisters floodplain here on N side - channel between wpt 1 and here appears to continue arcing back to main Lynn Sisters stream, wetted in some places US of trib confluence. Heading up tributary flow.		
4	58.499569	-135.140890	6-8 juv CO here, 2 netted. Bedwidth ~3-5m, wetted width ~1-3m, Incised ~1-2m, substrate cobble/gravel with some small boulders interspersed, some LWD in channel. Gradient ~2-3%.	VI HN	6-8 CO 2 CO
5	58.499808	-135.141854	6-8 juv CO here, 2 netted. Stream characteristics continue.	VI HN	6-8 CO 2 CO
6	58.499738	-135.144316	About a dozen or so juv coho here, 2 netted. Several juv CO seen between wpt5 and here. Gradient flattens now ≤2%, substrate gravel/cobble, lots of LWD in channel, a few spanning logs.	VI HN	10-12 CO 2 CO
7	58.499675	-135.146530	A dozen or so juv coho here, 2 netted.	VI HN	10-12 CO 2 CO



Table 1.- Tributary of 115-12-10420 observation locations and notes, continued.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
8	58.500543	-135.148216	8-10 juv CO here, 2 netted. Stream characteristics continue.	VI HN	8-10 CO 2 CO
9	58.501022	-135.150265	15-20 juv coho here, 4 netted.	VI HN	15-20 CO 4 CO
10	58.502327	-135.152776	5-7 juv coho here, 2 netted. Several juv CO seen between wpt 9 and here. Some bedrock now showing in channel, with more LWD / spanning logs, lots of Alder in riparian area as well.	VI HN	5-7 CO 2 CO
11	58.503268	-135.154057	6-8 juv coho seen here, 2 hand netted. Stream now bordered by thin band of conifers with muskeg beyond, lots of alder, less LWD.	VI HN	6-8 CO 2 CO
12	58.504442	-135.158737	8-10 Juv coho here, M/LWD making netting difficult. 2 CO eventually netted.	VI HN	8-10 CO 2 CO
13	58.505058	-135.160370	5-6 juv coho observed at close (~1m eye-to-fish) range, woody debris in location making netting impossible, not enough water for a fishtrap.	VI	5-6 CO
14	58.506658	-135.162685	US end of observations, stream gradient increased over last ~100m to ~2-4%, fewer pools, more cobble and very little gravel in channel.		



*Figure 1.- Two juvenile coho captured at waypoint 2.*



*Figure 2.- Looking upstream at floodplain channel, waypoint 3. Tributary enters from right.*



*Figure 3.- Looking up tributary from waypoint 3.*



*Figure 4.- Looking downstream from waypoint 6 at general stream characteristics in this reach.*



*Figure 5.- Looking upstream from waypoint 6 at general stream characteristics in this reach.*



*Figure 6.- Looking downstream from waypoint 11 at general stream characteristics in this reach.*



Figure 7.- Looking upstream from waypoint 11 at general stream characteristics in this reach, 1.85m Kurt I. for scale.



Figure 8.- Two juvenile coho captured at waypoint 12.

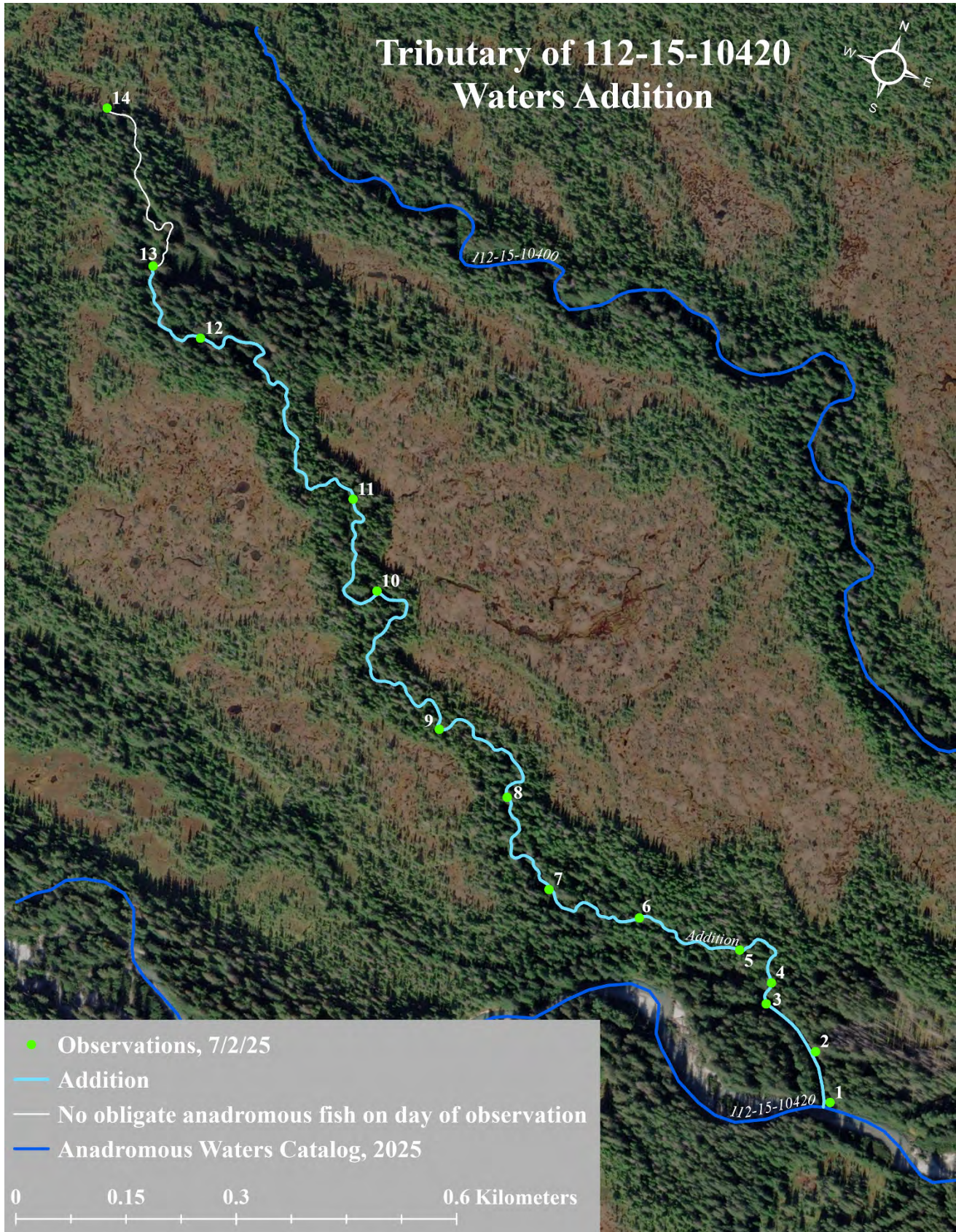


Figure 9.- A map of the tributary of 112-15-10420 with waters addition and observation locations.