

# Alaska Department of Fish and Game

Habitat Section  
Southeast Region



## 114-34-10200 Tributary 12

## ADDITION

**Water body name:**

**Survey date:** 9/16/2022

**Quad:** Juneau A-5

**Species & Lifestage:**

**Upper Reach Latitude:** 58.143348 **Longitude:** -135.624501

**Survey crew:** DK, RR, FC

**Lower Reach Latitude:** 58.141357 **Longitude:** -135.620343

**Findings:** We surveyed this uncataloged stream using a backpack electrofisher, baited minnow traps, and GPS. We captured juvenile coho salmon. Pictures of juvenile coho salmon were not taken; however, fish identification was verified by a Habitat Biologist. The tributary stream flows over a 4 ft tall beaver dam which may block juvenile fish passage (Table 1; Figure 1).

**Recommendations:** Add this uncataloged stream to the anadromous waters catalog for rearing coho salmon (Figure 2).

**Nomination:** Pending

Table 1.—114-34-10200 tributary 12 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
934	58.146274	-135.627240	Minnow trap soaked overnight upstream of log bridge. Bridge is slightly collapsed and abutments are exposed/eroding, with no armorments.	6-8	Small Gravel Large Gravel		6-8	MT	No Fish
942	58.145800	-135.627418	Stream goes subsurface due to high amounts of substrate completely burying the channel.					Not Fished	
943	58.145665	-135.627430	Series of logs with 1-3' tall drops, stream completely dry.					Not Fished	
944	58.145276	-135.626790	Stream is still dry and needs to be surveyed at a different time, investigate when there's more water and potential for adult fish to be running.					Not Fished	
1844	58.144862	-135.626643	Channel incised about 3'.	6-8	Small Gravel Large Gravel		2-4	EF	No Fish
1845	58.144171	-135.626649	Incised channel, few pools and shallow water. Heavily impacted by logging.	6-8			2-4	EF	No Fish
1846	58.143694	-135.626331	Channel fans out in numerous braids. LiDAR layer is inaccurate. Significant sediment deposition.					EF	No Fish

Table 1.—Continued.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1847	58.143640	-135.625888	Stream becomes subsurface and flows into large wetland in numerous small discontinuous channels.					EF	No Fish
1848	58.143333	-135.625904	Beginning series of beaver dams, channel is backwatered and spread out.	10-12	Fine Organic	Beaver Pond	0-1	EF	No Fish
1849	58.143225	-135.625929	Beaver dams. 2' tall, no clear jump pool.					EF	No Fish
1850	58.143349	-135.624560	4' tall beaver dam. No clear jump pool. Minnow trap above, no fish. Coho caught at base of dam.	50+	Fine Organic	Beaver Pond	0-1	MT	2 CO
1863	58.142232	-135.621855	3-4' tall beaver dam, side channels allow fish passage.					Not Fished	



Figure 1.—Beaver dam below which juvenile coho salmon were captured at waypoint 1850.



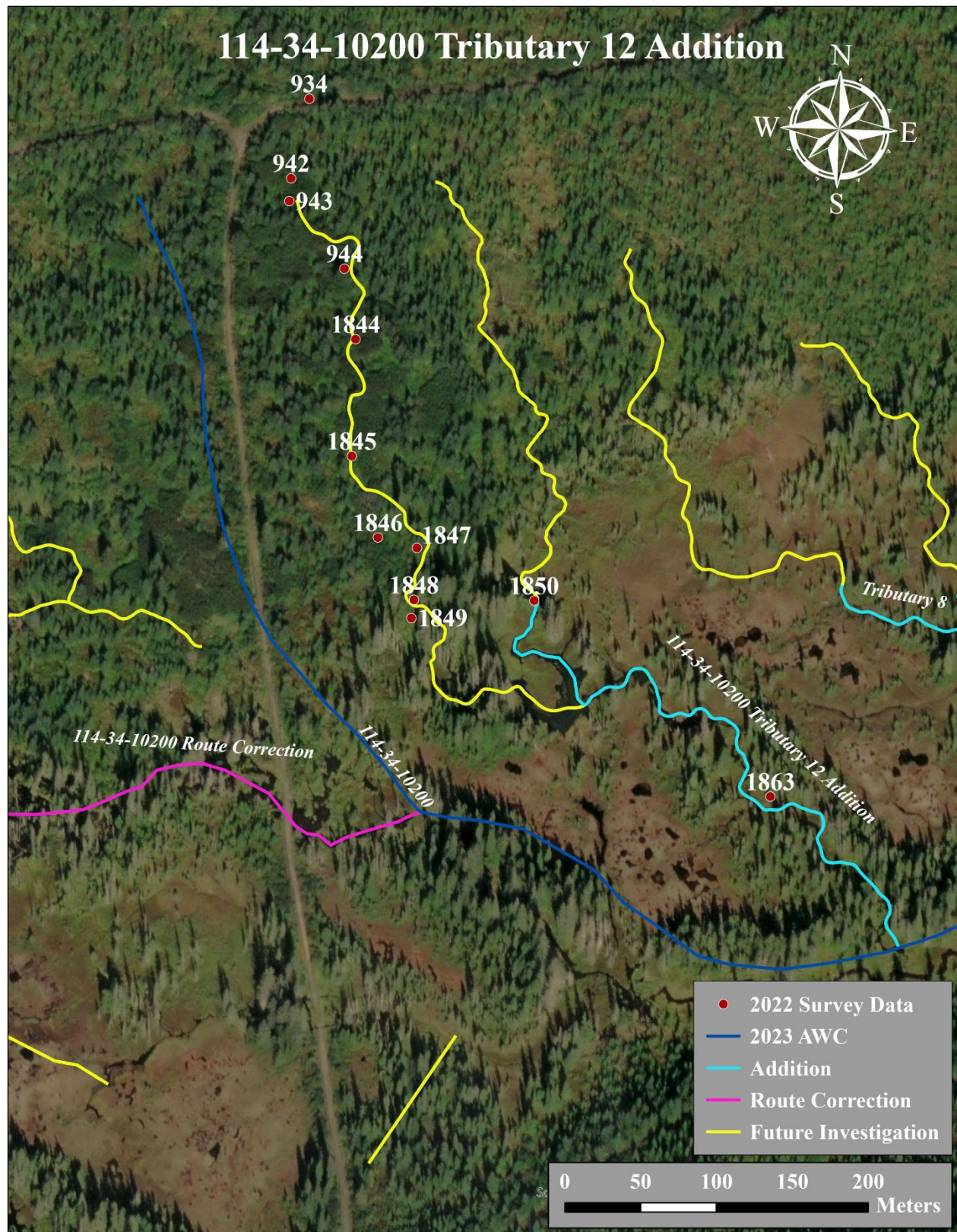


Figure 2.—114-34-10200 tributary 12 addition map.