

Alaska Department of Fish and Game

Habitat Section
Southeast Region



114-34-10200

CORRECTION

Water body name: Halibut Creek **Survey date:** 6/3/2022; 7/7/2022; 9/10/2022; 9/19/2023

Quad: Juneau A-5

Species & Lifestage: CHp,COr,Pp,DVp

Upper Reach Latitude: 58.141907 **Longitude:** -135.630923

Survey crew: FC, NJ, DK, JL

Lower Reach Latitude: 58.147810 **Longitude:** -135.519982

Findings: We surveyed this cataloged stream using baited minnow traps and GPS and found that the stream path is incorrectly mapped. We captured juvenile coho salmon, Dolly Varden, and cutthroat trout. The upper extent of the cataloged stream may have been altered due to abundant beaver activity. The bridge at the road crossing is plugged with dams, though fish passage seems to have been maintained at higher flows when the stream flows over the road (Table 1; Figures 1–4).

Recommendations: Correct Stream No. 114-34-10200 in the anadromous waters catalog to reflect the field verified stream path (Figure 5). Also extend the downstream reach of stream into the intertidal (Figure 6).

Nomination: Pending

Table 1.–114-34-10200 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
412	58.141923	-135.627172	Beaver dams on cataloged stream at bridge. Setting minnow trap. No fish; sample downstream. Needs route correction.					MT	No Fish
945	58.142027	-135.627150	Series of beaver dams/ponds. No fish capture; maybe some kind of downstream blockage.					MT	No Fish
1734	58.141935	-135.627029	Fish caught below 3' tall beaver dam with no clear jump pool.					MT	12 CO 1 DV 3 CT
838	58.142066	-135.627305	Minnow trap soaked ~4 hrs in beaver pond upstream of bridge. Significant beaver dam ~40' downstream of bridge where CO were caught last year. Water currently flowing over road ~75' from bridge. At higher flows, may be providing alternative route to fish passage. 1-yr CO capture. Should continue fishing effort by trapping upstream.	40-50	Fine Organic	Beaver Pond	0-1	MT	2 CO 1 DV
840	58.141893	-135.631361	Minnow trap soaked 2 days in pond of beaver dam complex.	25-30	Fine Organic	Beaver Pond	2-4	MT	No Fish
841	58.141911	-135.630943	Minnow trap soaked 2 days in beaver pond. Continued CO capture.		Fine Organic	Beaver Pond	1-2	MT	2 CO



Figure 1.–Juvenile coho salmon captured at waypoint 1734.



Figure 2.–Bridge and ponding at waypoint 945.



Figure 3.—Stream fording the road at waypoint 838.



Figure 4.—Agency staff surveying ponded water at waypoint 841.

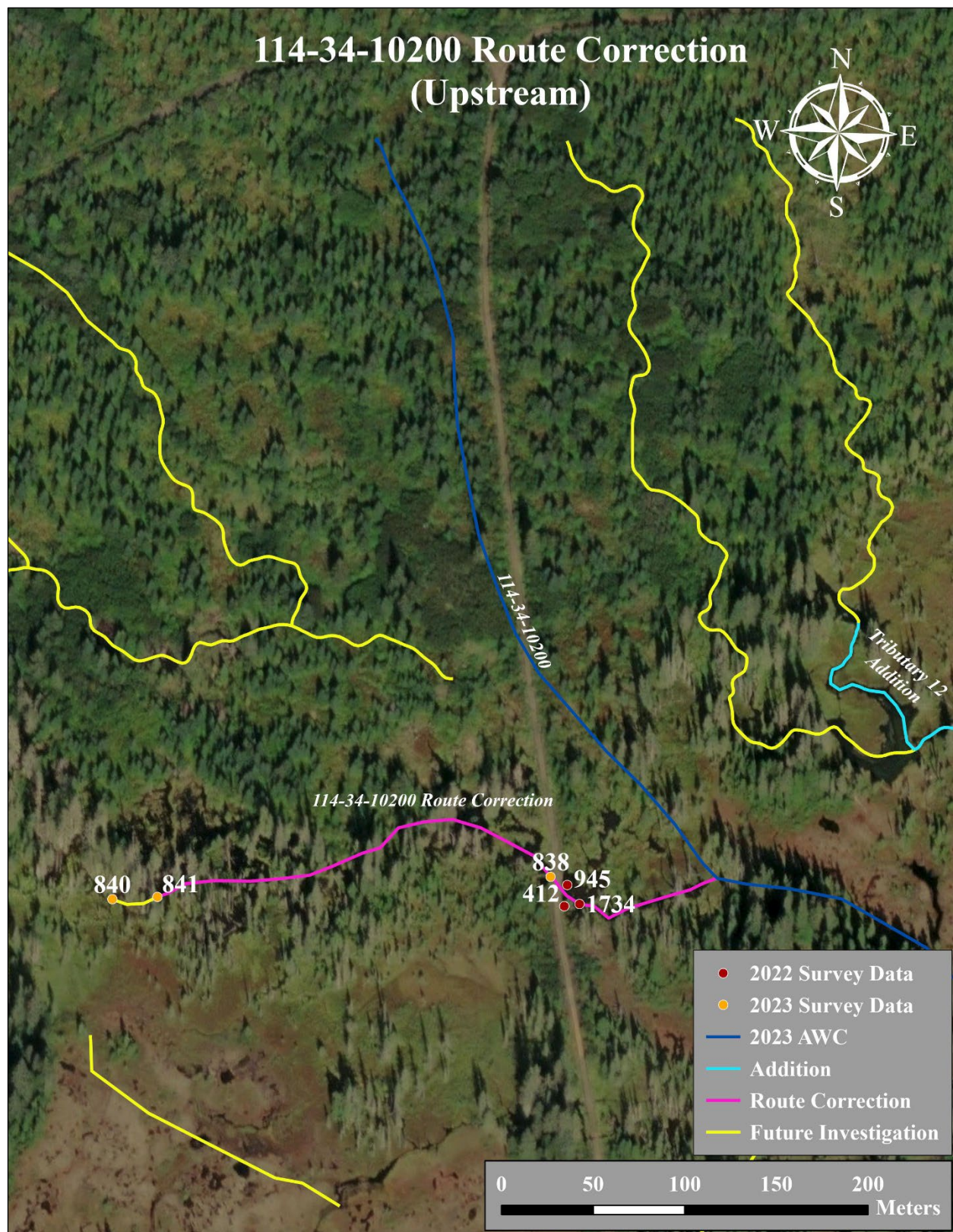


Figure 5.—114-34-10200 route correction (upstream) map.



Figure 6.—114-34-10200 route correction (downstream) map.