

Alaska Department of Fish and Game

Habitat Section
Southeast Region



113-59-10090

CORRECTION

Water body name:

Survey date: 8/6/2023

Quad: Sitka C-3

Species & Lifestage: CHp, COp, Pp

Upper Reach Latitude: 57.513892 **Longitude:** -134.898475

Survey crew: CD, FC

Lower Reach Latitude: 57.508538 **Longitude:** -134.909939

Findings: We surveyed this cataloged stream using a backpack electrofisher and GPS and found that the stream path is incorrectly mapped. We captured juvenile coho salmon, cutthroat trout, and Dolly Varden. The stream channel has cobble, small and large gravels, and large woody debris throughout channel. A large open-bottom corrugated steep pipe exists at waypoint 489 and was passing fish (Table 1; Figures 1–4).

Recommendations: Correct Stream No. 113-59-10090 in the anadromous waters catalog to reflect the field verified stream path and extend the stream into the intertidal (Figure 5).

Nomination: Pending

Table 1.–113-59-10090 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
487	57.513806	-134.898533			Small Gravel Large Gravel	Incised Channel	4-6	EF	1 CT
488	57.513397	-134.898575	On main channel of unsubstantiated stream, ~50' downstream of confluence with river-left tributary. Young-of-year CO observed via visual identification.	20-25	Large Gravel Cobble		4-6	EF	3 CO
489	57.508902	-134.895005	1-yr and 1-yr CO capture on previously unsubstantiated stream; CO also observed visually farther upstream on cataloged portion. Fish capture inside 15' wide by 8' tall open-bottom CSP; passing fish. Gravel and cobble sediment throughout pipe. Rust-line about 1'.	20-25	Small Gravel Large Gravel	Spawning Substrate SWD	1-2	EF	2 CO 2 DV 1 CT



Figure 1. View of channel upstream at waypoint 488.



Figure 2. View of channel downstream at waypoint 488.



Figure 3. Culvert at waypoint 489.



Figure 4. Juvenile coho salmon and Dolly Varden caught at waypoint 489.

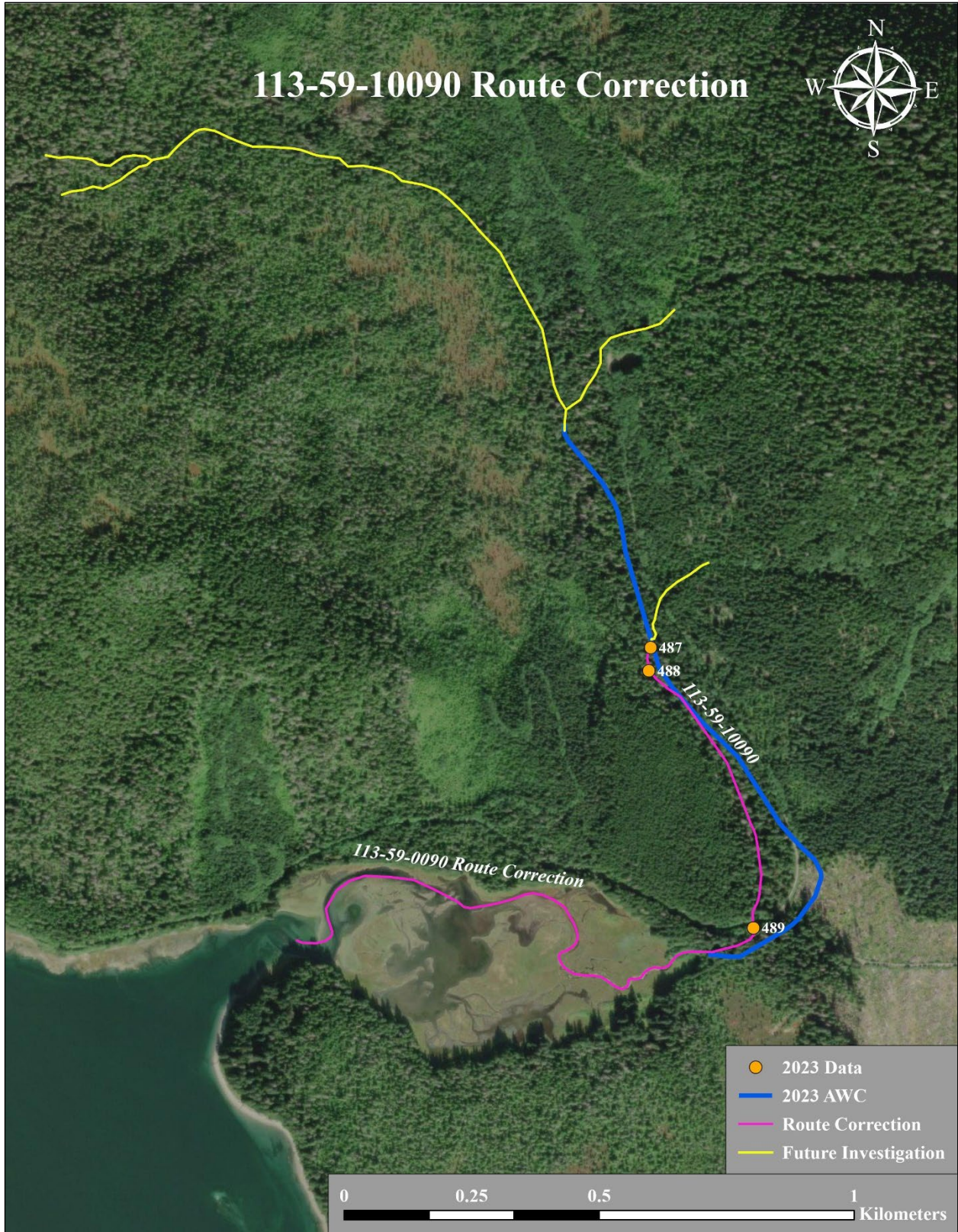


Figure 5. 113-59-10090 route correction map.