



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUNEAU B-2 NW

Anadromous Waters Catalog Number of Water Body 111-50-10500-2003-3042

Name of Water Body ☐ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☒ Correction ☐ Backup Information

For Office Use

Nomination # <u>24-538</u>	<u>Adam Levin</u> Fisheries Scientist Date <u>7-30-2024</u>
Revision Year: <u>2025</u>	<u>Ron Berkus</u> Habitat Operations Manager Date <u>7/24/2024</u>
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph Stiles</u> AWC Project Biologist Date <u>17 July 2024</u>
Revision Code: <u>B-1, C-9</u>	<u>P. C.</u> GIS Analyst Date <u>8/2/2024</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	10/11/2023		✓		✓
Dolly Varden	10/11/2023			✓	✓
cutthroat trout	10/11/2023		✓		

~UPDATE/ADJUST upper hydrography segment of existing AWC Stream #111-50-10500-2003-3042.

~ADD new species DOLLY VARDEN PRESENT to existing AWC Stream #111-50-10500-2003-3042.

Comments:

Coordinates (Lat,Long): Upper(58.424345,-134.619286) Lower(58.414425,-134.610218)

Name of Observer (please print): Claire Delbecq

Signature: 10.231.39.10 (Web Nomination) Date: 02/09/2024

Agency:

Address: 215A Gastineau Ave
Juneau, AK 99801

This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 3/16

Name of Area Biologist (please print): _____

Alaska Department of Fish and Game

Habitat Section
Southeast Region



11-50-10500-2003-3042

CORRECTION

Water body name:

Quad: Juneau B-2

Upper Reach Latitude: 58.424345 **Longitude:** -134.619286

Lower Reach Latitude: 58.414425 **Longitude:** -134.610218

Survey date: 10/11/2023

Species & Lifestage: CO

Survey crew: CD, FC

Findings: We surveyed this cataloged stream using a backpack electrofisher and GPS. We captured found that the stream path is incorrectly mapped. The channel was forested with the gradient increasing until we encountered a barrier falls (Table 1; Figures 1–4).

Recommendations: Correct Stream No. 11-50-10500-2003-3042 in the anadromous waters catalog to reflect the field verified stream path (Figure 5). Add Dolly Varden to the species present.

Nomination: Pending

Table 1.–11-50-10500-2003-3042 survey data.

Waypoint	Latitude	Longitude	Notes	Stream Width ft	Stream Substrate	Habitat Features	Gradient %	Sample Effort	Sample Results
1009	58.423843	-134.617723		8-10	Large Gravel Small Gravel	Log Jams	2-4	EF	3 CT 1 DV
1010	58.423704	-134.617455	Slight increase in gradient compared to upstream. A couple large (>10") DV observed in pool just downstream of ~2' log jams falls.	8-10	Large Gravel Small Gravel	Log Jams Cut Banks	4-6	EF	3 DV 1 CT
1011	58.423550	-134.617158							3 CT
1012	58.423461	-134.617140	1-yr CO capture.	8-10	Large Gravel Small Gravel	Cut Banks	2-4	EF	2 CO 2 CT
1013	58.423057	-134.617344	Continued 1-yr CO capture.					EF	2 CO
1014	58.424246	-134.618996	Large (>10") DV capture. Gradient starts to increase substantially ~25' upstream.	4-6	Small Gravel Large Gravel	Cut Banks Log Jams	2-4	EF	2 DV 4 CT
1015	58.424349	-134.619307	Bedrock falls accumulating >13' over ~10' reach. Has one small step pool, but results in great enough gradient over short reach to qualify as a FRPA barrier to adult fish passage.	4-6	Bedrock Large Gravel	Incised Channel	10-12	EF	1 CT



Figure 1.—Dolly Varden captured at waypoint 1014.



Figure 2.—Juvenile coho salmon captured at waypoint 1013.



Figure 3.—Stream channel at waypoint 1011.



Figure 4.—Barrier falls at waypoint 1015.

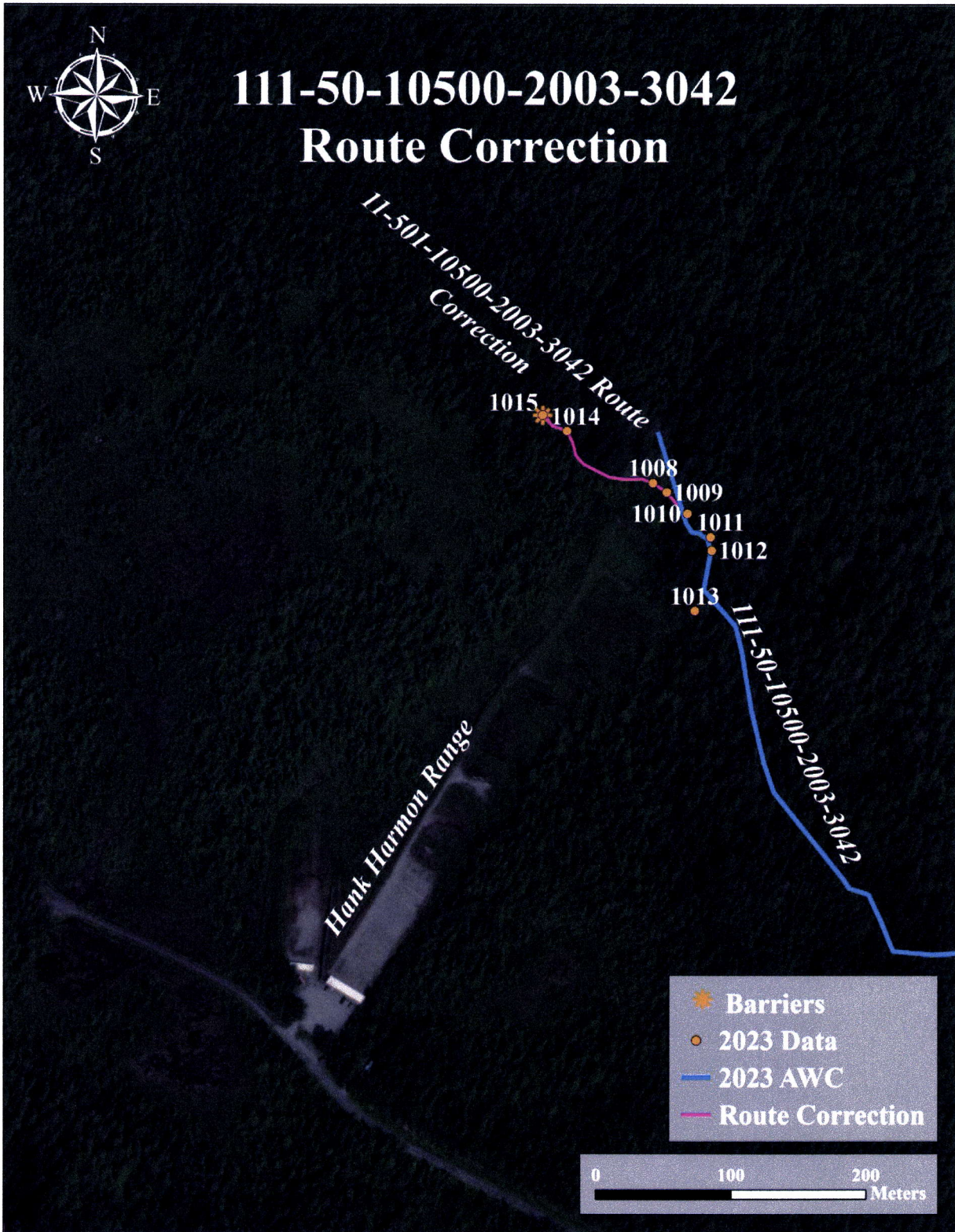


Figure 5.—111-50-10500-2003-3042 route correction map.



Non #24-538

Map #2