


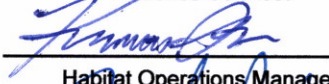




State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUNEAU B-4, B-5
 Anadromous Waters Catalog Number of Water Body 114-25-10100
 Name of Water Body *Homeshore Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>25-627</u>		<u>8/11/2025</u>
		Fisheries Scientist	Date
Revision Year:	<u>2026</u>		<u>8/19/2025</u>
		Habitat Operations Manager	Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog		<u>10 July 2025</u>
		AWC Project Biologist	Date
Revision Code:	<u>C-9, B-1</u>		<u>8/19/2025</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Steelhead trout	05/14/2025		✓	✓	✓

~UPDATE/ADJUST hydrography of existing AWC Stream #114-25-10100 ""Homeshore Creek" and corresponding stream points.
 ~ADD new species STEELHEAD trout PRESENT and REARING to existing AWC Stream #114-25-10100 ""Homeshore Creek".

Comments:
 Observation locations, notes, and photos in attached pdf, geospatial data in attached zipfiles.
 Coordinates (Lat,Long): Upper(58.310450,-135.366658) Lower(58.310965,-135.372241)

Name of Observer (please print): Mark Hieronymus
 Signature: 10.231.39.10 (Web Nomination) Date: 05/20/2025
 Agency: Trout Unlimited - AK
 Address: PO Box 20881
Juneau, AK 99802

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): _____

From: [Mark Hieronymus](#)
To: [Giefer, Joe \(DFG\)](#)
Subject: Re: Nom #25-627 - follow up question
Date: Wednesday, June 18, 2025 1:22:42 PM
Attachments: [image001.png](#)
[Outlook-bcrneo5m.png](#)

CAUTION: This email originated from outside the State of Alaska mail system. Do not click links or open attachments unless you recognize the sender and know the content is safe.

Hi Joe,

"is this description indicative of individuals displaying an anadromous life history based on your experience?"

The appearance of many of the juveniles was consistent with smolting in preparation for emigration to saltwater, that coupled with the observations of adults in the stream strongly suggest some of the rainbows I observed were ocean-bound progeny of steelhead.

Unfortunately, I didn't record locations where I observed smolt, but there were more than a dozen spread out between the start of my downstream snorkel (wpt 3) and where we saw the predated fish parts (wpt 2).

"you are nominating both Steelhead presence (adult) and rearing?"

Yes, that was my intent.

Thanks!

Mark

Mark Hieronymus
Community Science Coordinator
Trout Unlimited, Alaska Program
mark.hieronymus@tu.org



From: Giefer, Joe (DFG) <joe.giefer@alaska.gov>
Sent: Tuesday, June 17, 2025 2:23 PM
To: Mark Hieronymus <Mark.Hieronymus@tu.org>
Subject: Nom #25-627 - follow up question

Hey Mark,

Quick question about the attached nomination. You included the following observation about

juvenile rainbow morphology/appearance.

“Many of the rainbow trout we observed appeared to be smolting (very faint/no pinkish lateral coloration, faint/no parr marks, the start of cryptic coloration and spots less prominent). “

I just want to clarify for the nom file and be sure I'm interpreting the nom correctly, is this description indicative of individuals displaying an anadromous life history based on your experience?

And you are nominating both Steelhead presence (adult) and rearing?

Thanks for your time.

Regards,

Joe Giefer

Habitat Biologist III

Anadromous Waters Catalog (AWC)

Alaska Dept. of Fish & Game

Division of Sport Fish -- R73

333 Raspberry Road, Anchorage AK 99518

Office 907-267-2336

Submit AWC Nominations electronically through the Online Portal here:

<https://www.adfg.alaska.gov/of/SARR/AWC/index.cfm?ADFG=nomSubmit.home>



114-25-10100

Species Addition / Route Correction

Water Body Name: *Homeshore Creek

HUC12: 190103021402

Species & Lifestage Observed: SHp,r

MTR: C041S061E

Observation Date: 5/14/2025

Quad: Juneau B-5 SE

Observers: Mark Hieronymus, Kurt Iverson, Gabriel Cohen

Observations: We walked this stream with GPS and sportfishing equipment from its saltwater terminus to a point approximately 3.5 kilometers upstream. On the way upstream we observed predated adult steelhead parts (milt sac, portion of gill arch) and the presence of otters in the stream corridor. We ended upstream observations at a predetermined time and snorkeled downstream. During the downstream snorkel, we observed and video-documented adult steelhead, as well as rainbow trout. Many of the rainbow trout we observed appeared to be smolting (very faint/no pinkish lateral coloration, faint/no parr marks, the start of cryptic coloration and spots less prominent). During the course of observations, comparison of our GPS-derived stream line and the 2024 AWC arc for 114-25-10100 suggests a route correction is needed. Observation locations and notes are in Table 1, fish / fish part photos and a map showing observation locations and route correction are in Figures 1-5.

Table 1.- 114-25-10100 observation locations and notes.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Result
1	58.310965	-135.372241	Homeshore Ck 05/14/25 0845. 100%Hi thin OVC, good light for fish viewing. H2O temp: 4.3°C, vis good (2m+). Slack low tide. Start of Upstream Obs.		
2	58.318651	-135.361371	Predated fish parts here. A milt sac and a portion of a gill arch on the bank, with lots of otter tracks on the sand/mud portions of the bank. Location, size and state (fresh) strongly suggests these parts are from an otter-killed steelhead.	VI	Fish Viscera, presumably SH
3	58.326798	-135.359931	US end of obs, start of DS snorkel, 1300. Creek is small, but LOADED w/LWD, lots of places we couldn't see/cast into on the way up.		
4	58.318168	-135.361290	1 adult SH and 5 RBT here. More than a dozen RBT seen between wpt3 and here, some with very "smolt-y" look (very faint/no pink lateral coloration, faint/no parr marks, some cryptic coloration and fewer spots). GoPro vid of SH.	VI	1 SH 5 RBT
5	58.315790	-135.361322	1 SH here. GoPro vid. Another dozen or so RBT between wpt4 and here.	VI	1 SH
6	58.310450	-135.366658	1 SH here. End of DS snorkel.	VI	1 SH



Figure 1.- Fresh milt sac on streamside log, presumably from an otter-predated steelhead. Notebook is 17.2cm for scale.

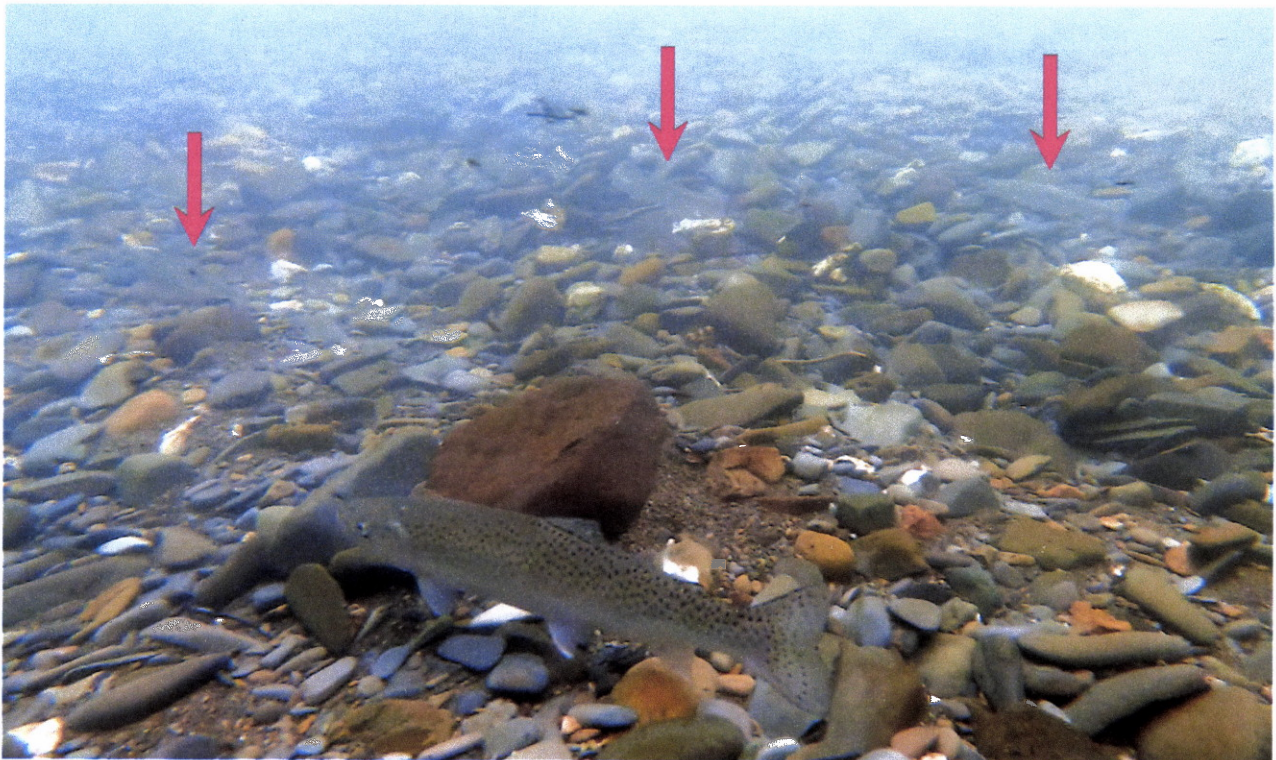


Figure 2.- Four rainbow trout at waypoint 4 - larger fish in foreground is ~30-35cm, others (red arrows) ~15-20cm.



Figure 3.- Adult steelhead at waypoint 4.



Figure 4.- Adult steelhead at waypoint 5.

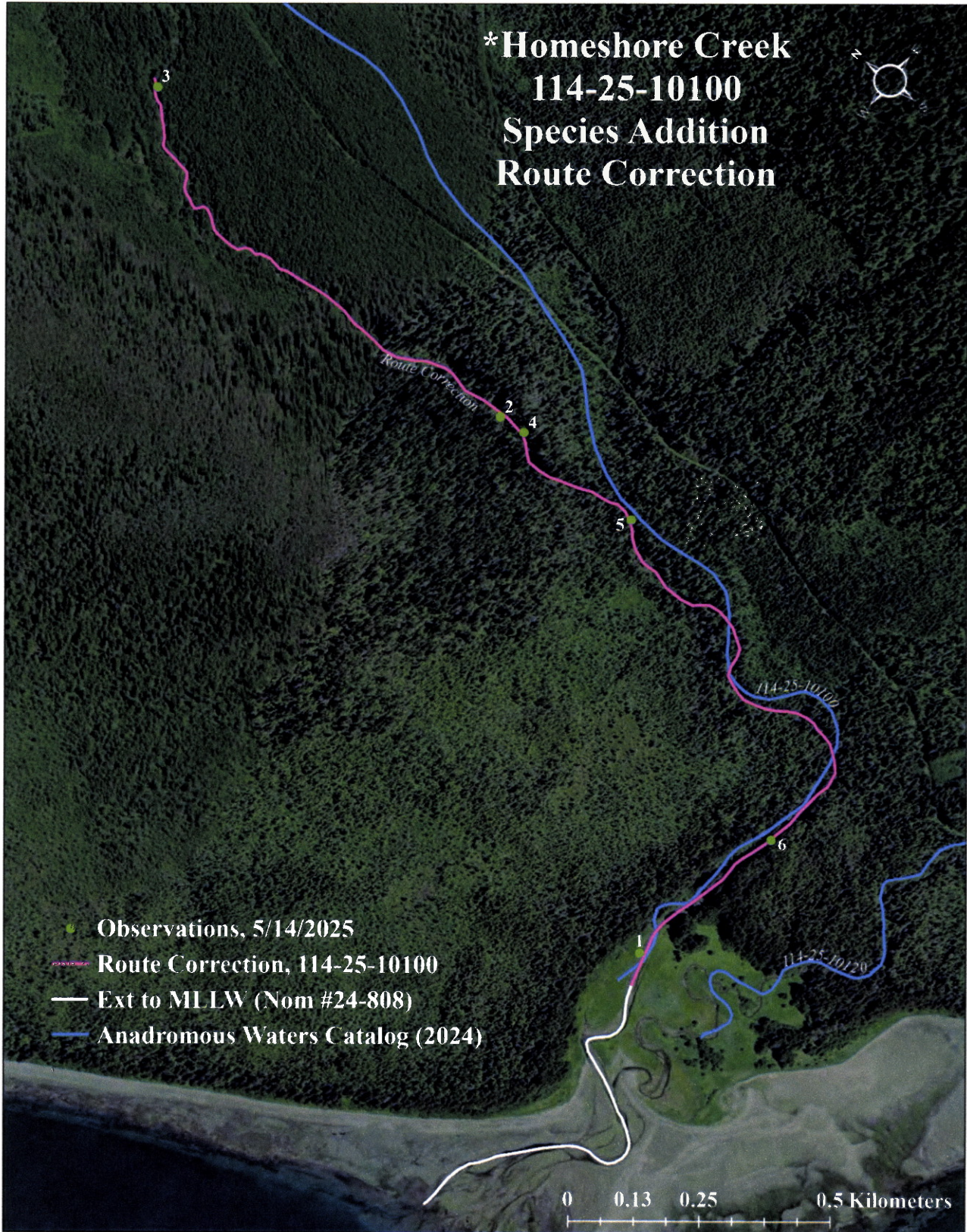
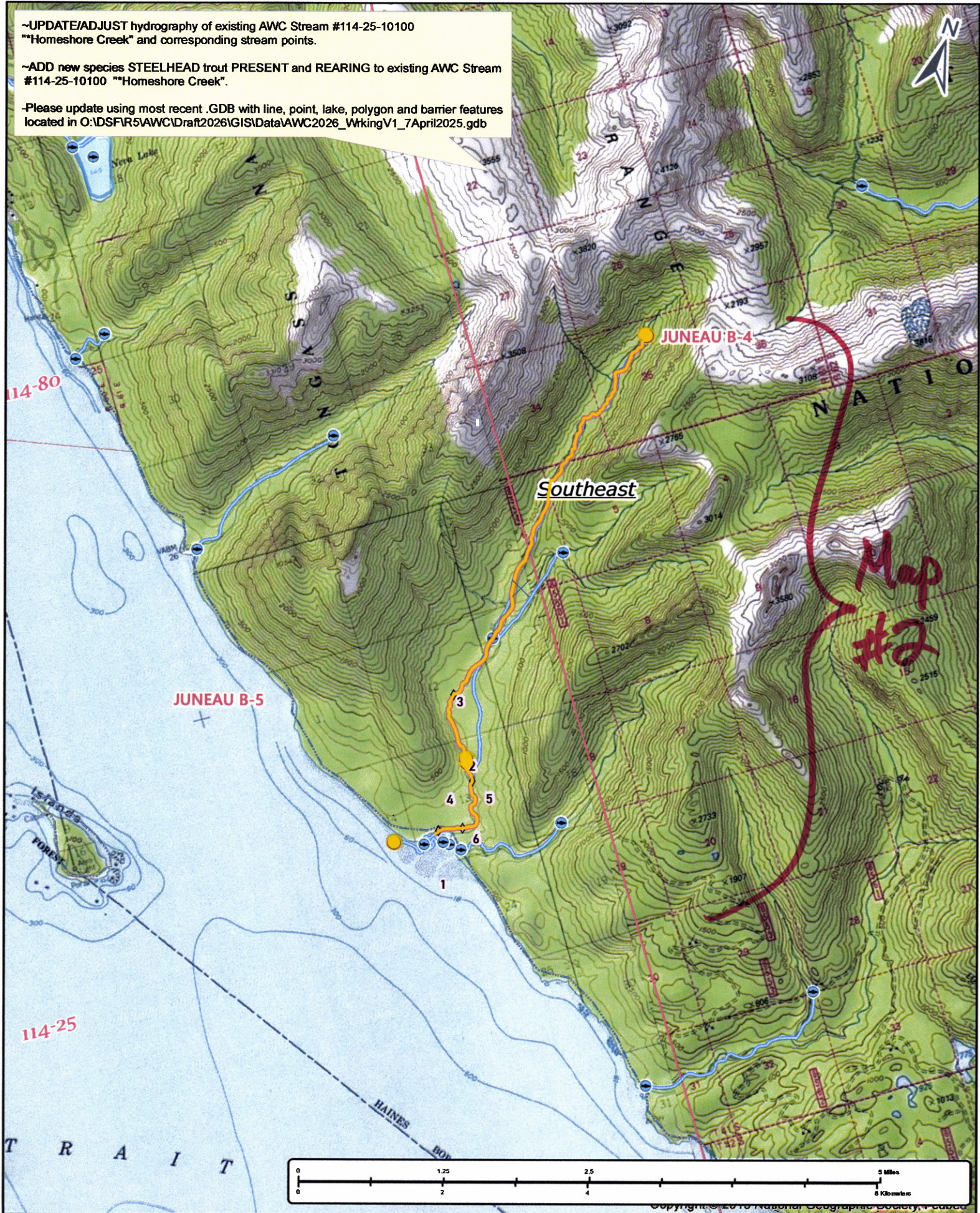


Figure 5.- A map of 114-25-10100 showing observation locations and route correction.

~UPDATE/ADJUST hydrography of existing AWC Stream #114-25-10100
"Homeshore Creek" and corresponding stream points.

~ADD new species STEELHEAD trout PRESENT and REARING to existing AWC Stream #114-25-10100 "Homeshore Creek".

Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5\AWC\Draft2026\GIS\Data\AWC2026_WrkingV1_7April2025.gdb



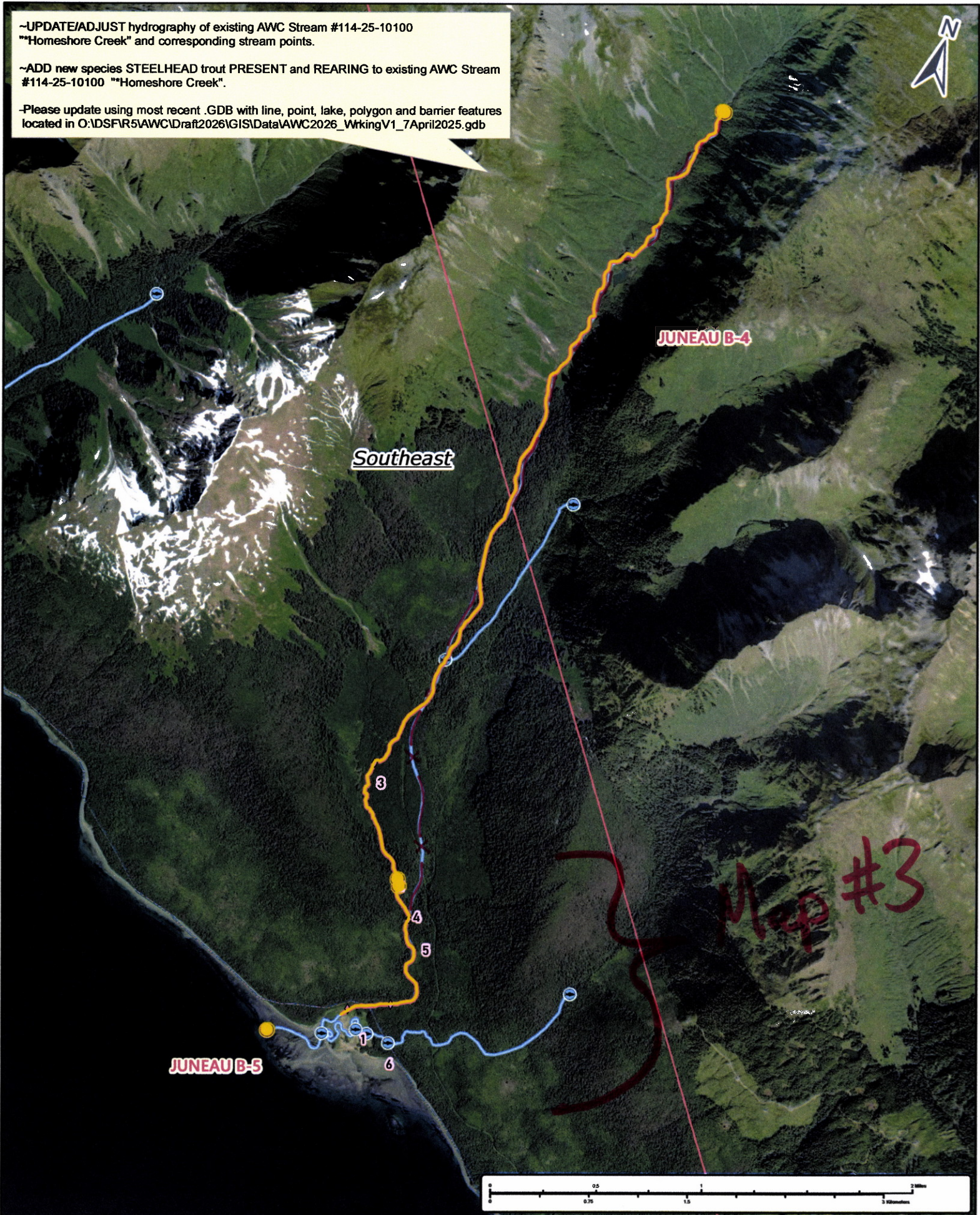
Now #25-627

Map #1

-UPDATE/ADJUST hydrography of existing AWC Stream #114-25-10100
"Homeshore Creek" and corresponding stream points.

-ADD new species STEELHEAD trout PRESENT and REARING to existing AWC Stream
#114-25-10100 "Homeshore Creek".

-Please update using most recent .GDB with line, point, lake, polygon and barrier features
located in O:\DSFR5\AWC\Draft2026\GIS\Data\AWC2026_WrkingV1_7April2025.gdb



Nov #25-627

Map #2

~UPDATE/ADJUST hydrography of existing AWC Stream #114-25-10100
 ~"Homeshore Creek" and corresponding stream points.
 ~ADD new species STEELHEAD trout PRESENT and REARING to existing AWC Stream
 #114-25-10100 "Homeshore Creek".
 + Please update using most recent .GDB with line, point, lake, polygon and barrier features
 located in O:\DSFR5\AWC\Draft2026\GIS\Data\AWC2026_WrkingV1_7April2025.gdb



Nom # 25-627

Map #3