



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) JUNEAU A-5

Anadromous Waters Catalog Number of Waterway 114-31-10080

Name of Waterway _____ USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-500</u>	<u>James J. Harbouch</u> Fisheries Scientist	<u>5/8/2015</u> Date
Revision Year:	<u>2016</u>	<u>Michelle A</u> Habitat Operations Manager	<u>5/8/15</u> Date
Revision to:	Atlas _____ Both <u>✓</u>	<u>JA</u> AWC Project Biologist	<u>5 May 15</u> Date
Revision Code:	<u>A-1, B-1, C-9</u>	<u>JA</u> Cartographer	<u>5/18/15</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	10/02/2014		✓	✓	✓
cutthroat trout	10/02/2014			✓	
Dolly Varden	10/02/2014			✓	
<u>Chum salmon</u>	<u>4/2/14</u>		✓		✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:
 Coordinates (Lat,Long): Upper(58.1023,-135.372) Lower(58.0949,-135.418)
Add chum salmon rearing and extend 114-31-10080 w/
coho salmon rearing, update stream hydro

Name of Observer (please print): Nicole Legere
 Signature: _____ Date: 10/10/2014
 Agency: ADFG HAB
 Address: PO Box 110024 Room 209
Juneau, AK 99811-0024

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 02/08
 Name of Area Biologist (please print): _____

114-31-10080**ROUTE CORRECTION****Water body name:****Survey date:** 10/2/2014**Water body number:** 114-31-10080**Species & Lifestage:** COsr, Pp, DVp**Watershed:** Port Fredrick-Frontal Icy Strait**MTR:** C043S061E **Quad:** Juneau A-5**Findings:** We surveyed Stream No. 114-31-10080 using an electrofishing unit and GPS. We found the current track for this stream is incorrect and coho salmon utilize areas upstream of the current documented point of anadromy.**Recommendations:** Update the stream route and extend the upper extent of anadromy for Stream No. 114-31-10080.

Table 1.--Stream No. 114-31-10080 survey data.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
919	58.0997	-135.3819	Upstream of 114-31-10080		
920	58.0999	-135.3814	60"culvert.	EF	1 CO ~ 55 mm, 1 CT (YOY)
921	58.1000	-135.3814	Tributary enters river right.		
924	58.1000	-135.3809	Gravel substrate, silt. Good rearing habitat.	EF	3 CO~55mm
925	58.1006	-135.3790		EF	2 CO, 2 DV
926	58.1007	-135.3732	Good rearing habitat and spawning gravel. Low gradient.	EF	2 CO, 1 DV
927	58.1014	-135.3723		EF	2 CO, 1 DV, 1 CT
928	58.1016	-135.3723	Gravel, undercut.	EF	2 CO
929	58.1023	-135.3720	Slight gradient increase, cobble and gravel.	EF	1 CO, 1 DV, 1 CT
930	58.1025	-135.3720		EF	2 CT, 1 DV
931	58.1029	-135.3714	Back pool, higher gradient.	EF	1 CT, 1 CO
932	58.1036	-135.3708	Gradient increase, no CO habitat, cobble and gravel.	EF	2 CT
933	58.1039	-135.3709	Stopping survey here. Cobble, gravel, increased gradient. Not anadromous fish habitat.	EF	2 CT
936	58.1023	-135.3718	Tributary on river left. No fish. Went subterranean throughout some parts.		
937	58.1012	-135.3722	Tributary on river left.		
955	58.0987	-135.3837	Approximately 1/3 of water. Confluence of 114-31-10080-2012 and 114-31-10080. The entire area is beaver dam.		
956	58.0996	-135.3820	Downstream of 114-31-10080 culvert. Backed up beaver dam through culvert.		



Figure 1.—Three coho salmon caught in Stream No.114-31-10080.



Figure 2.—Low gradient gravel habitat that coho salmon were caught in.



Figure 3.—Upper section of Stream No. 114-31-10080.
No anadromous fish were caught in this section.

Johnson, J D (DFG)

From: Legere, Nicole M (DFG)
Sent: Friday, January 09, 2015 9:30 AM
To: Johnson, J D (DFG)
Subject: RE: nomination 15-500

Thanks!

April 21, 2014- seining

Species & life stage observed—Chum salmon rearing

Number of fish by life stage- 4 rearing

Where (lat/long) fish were observed (extent)-- 58.0957, -135.4178 upper extent. We caught two fish at this location

From: Johnson, J D (DFG)
Sent: Monday, January 05, 2015 11:56 AM
To: Legere, Nicole M (DFG)
Subject: RE: nomination 15-500

Please provide the following and it will be added to 15-500

Species & life stage observed

Number of fish by life stage

Where (lat/long) fish were observed (extent)

J. Johnson
AWC Project Biologist
907-267-2337

From: Legere, Nicole M (DFG)
Sent: Wednesday, December 31, 2014 10:50 AM
To: Johnson, J D (DFG)
Subject: nomination 15-500

Hi J,

This email is in regards to nomination 15-500. I was just going through my notes on the sampling I did at the Hoonah Airport this year. On April 21, 2014 I did a seine survey and caught out-migrating chum salmon upstream of the mouth (58.0957, -135.4178) in Stream No. 114-31-10080. I did not realize that chum salmon were not cataloged in this stream. Can you add this information to nomination 15-500 or should I submit another correction?



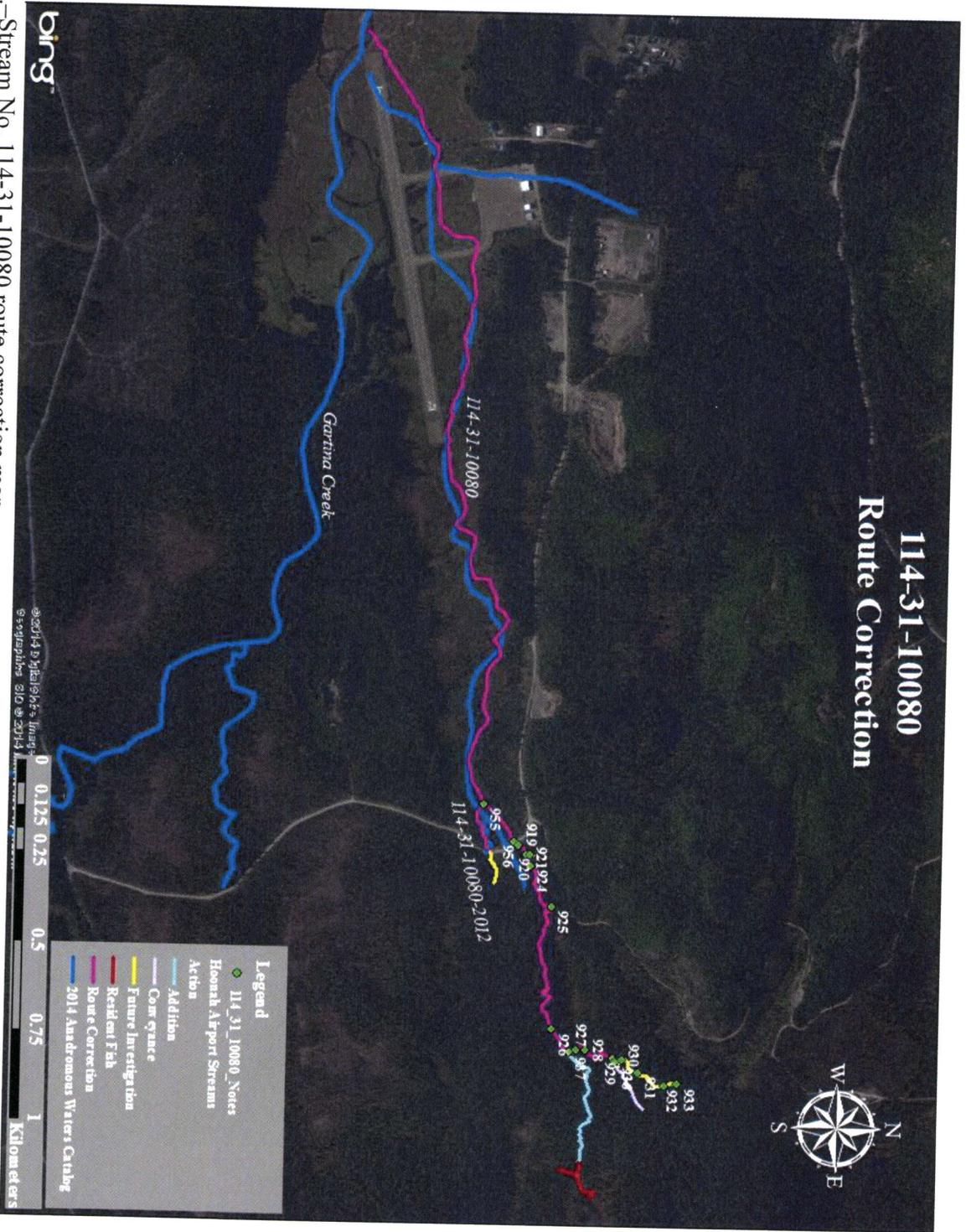


Figure 4.-Stream No. 114-31-10080 route correction map.

add chum salmon rearing to 114-31-10080
extend 114-31-10080 w/coho salmon rearing
update stream hydro using
2016\noms\legere\hoonah\Hoonah Airport Streams\Hoonah Airport Streams.shp

1 - COR

2 - COR

2 - COR

3 - COR

1 - COR

2 - COR

2 - COR

1 - COR

-135.4178, 58.0957
CHR - 4

