



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 114-31-10080-2003
 Name of Waterway Shotter Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-642</u>	<u>James J Hasbrouck</u> Fisheries Scientist	<u>8/31/2015</u> Date
Revision Year:	<u>2016</u>	<u>Michelle J. A.</u> Habitat Operations Manager	<u>8/31/15</u> Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>JF</u> AWC Project Biologist	<u>24 Aug 15</u> Date
Revision Code:	<u>A-1, C-9</u>	<u>TJA</u> GIS Analyst	<u>9/25/15</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/09/2015		✓	✓	✓
Dolly Varden	07/09/2015			✓	
cutthroat trout	07/09/2015			✓	

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): (58.1040,-135.4104)

Extend creek w/ coho salmon rearing
update hydrography

Name of Observer (please print): Nicole Legere
 Signature: 10.7.168.61 (Web Nomination) Date: 08/10/2015
 Agency: _____
 Address: PO Box 110024
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 11/14
 Name of Area Biologist (please print): _____

114-31-10080-2003 SHOTTER CREEK**CORRECTION**

Water body name: Shotter Creek
Water body number: 114-31-10080-2003
Watershed: Port Fredrick-Frontal Icy Strait
MTR: C043S061E **Quad:** Juneau A-5

Survey date: 7/9/2015
Species & Lifestage: COsr

Findings: We sampled Shotter Creek using an electrofisher and a GPS (Table 1). We captured coho salmon, cutthroat trout, and Dolly Varden char. The upper extent of fish use is at an old 3-4 m high dam and spillway spanning across the creek (Figure 1). Sediment filled in the area upstream of the dam and there was a small amount of water overtopping the spillway. We did not walk upstream of the dam, but from what we could see the stream was dry (Figure 2). Shotter Creek used to be the primary water source for Hoonah up until the late 1980's.

Recommendations: Correct the stream route and extend the upper extent of anadromy for coho salmon as shown in Figure 3.

Nomination number: Pending

Table 1.-Shotter Creek survey data on July 9, 2015.

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
1050	58.1004	-135.4135	Upstream of culvert.		
1051	58.1005	-135.4135	Visual on many coho.	EF	2 CO
1052	58.1010	-135.4129		EF	1, CO, 2 CT
1053	58.1012	-135.4126		EF	2 CO
1054	58.1022	-135.4121		EF	2 CO, 5 DV
1055	58.1024	-135.4122		EF	2 CO, 1 CT, 2 DV
1056	58.1030	-135.4125		EF	2 CO, 1 CT
1057	58.1032	-135.4126	Cobble and gravel substrate up to this point. Gradual gradient increase.	EF	2 CO
1058	58.1036	-135.4122		EF	2 CO
1059	58.1037	-135.4113		EF	2 CT
1060	58.1038	-135.4111		EF	2 DV, 4 CO
1061	58.1039	-135.4109	Visual on many coho.	EF	2 CO
1062	58.1040	-135.4104		EF	2 CO, 2 DV, 2 CT
1063	58.1045	-135.4103	Old wooden dam with ~10 ft high spillway. Upstream of dam is filled with gravel and the water is seeping of the ground out over the spillway.		



Figure 1.—Tess Quinn below the spillway.

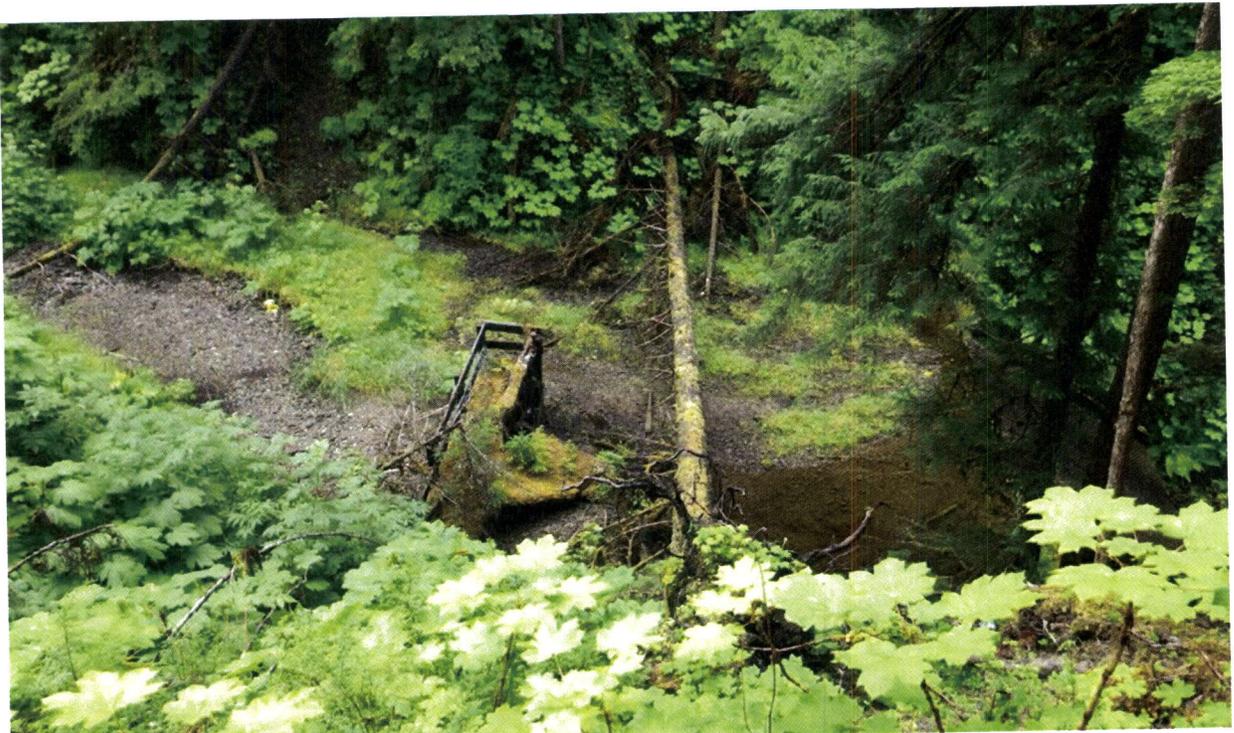


Figure 2.— Looking down at Shotter Creek immediately upstream of the dam.

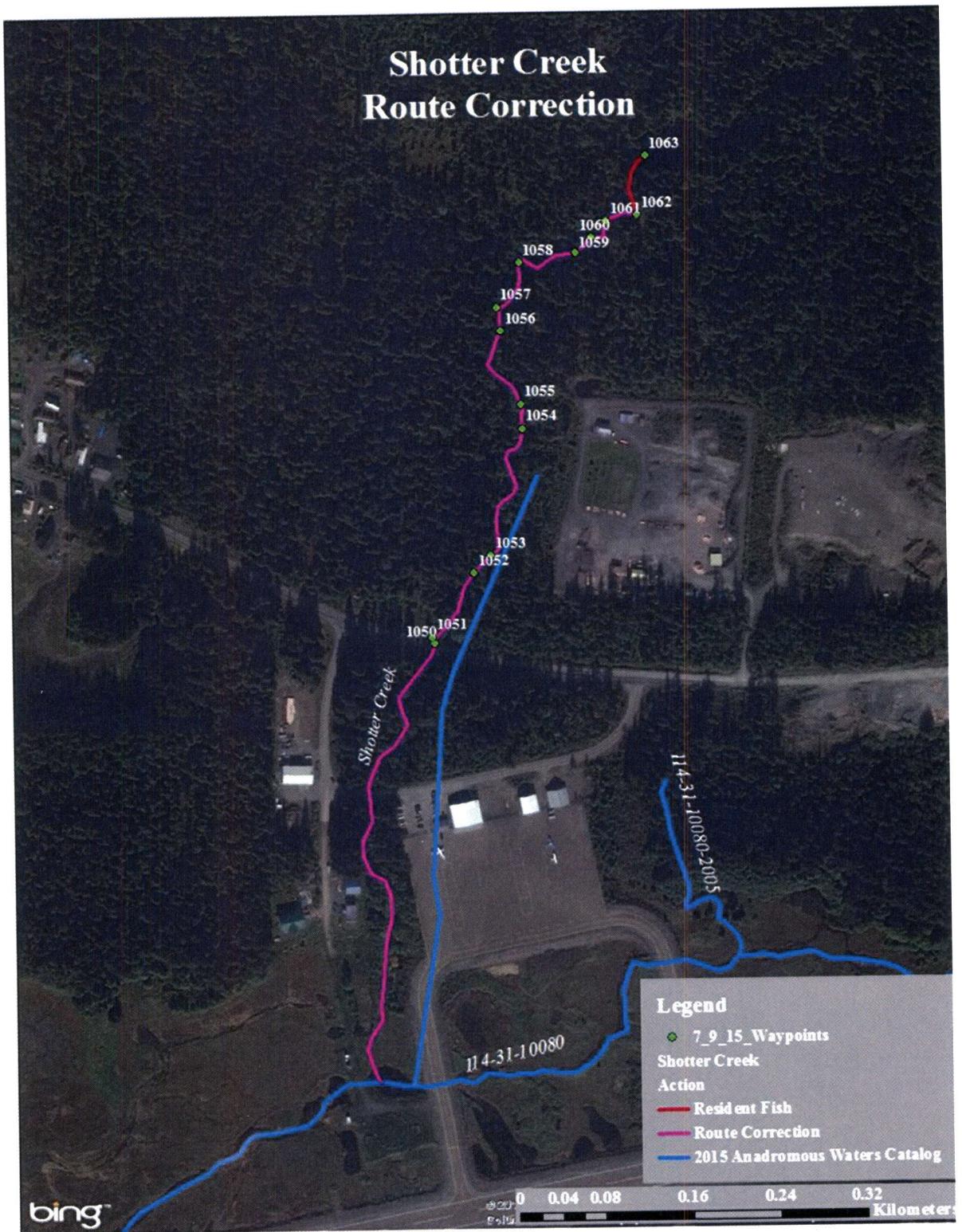


Figure 3.—Shotter Creek route correction map.