



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

M E

Region Southeastern USGS Quad(s) SKAGWAY B-3

Anadromous Waters Catalog Number of Waterway 115-32-10250-2070

Name of Waterway 21 1/2 Mile Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>14-686</u>	<u>James J Hasbrouk</u>	<u>10/3/2014</u>
		Fisheries Scientist	Date
Revision Year:	<u>2015</u>	<u>Wahl JWA</u>	<u>10/2/14</u>
		Habitat Operations Manager	Date
Revision to:	Atlas <u>Both</u> <u>X</u>	<u>98</u>	<u>9/5/14</u>
		AWC Project Biologist	Date
Revision Code:	<u>C-9, D1</u>	<u>TJ</u>	<u>10/8/14</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous

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(59.3998,-135.8784) Lower(59.3962,-135.8722)
Shorten stream and revise hydrography reposition pts as needed.

Name of Observer (please print): Matthew Kern
 Signature: 10.7.168.135 (Web Nomination) Date: 09/02/2014
 Agency: _____
 Address: 7081 North Douglas Highway
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 02/08
 Name of Area Biologist (please print): _____

21 ½ MILE CREEK

CORRECTION

Water body name: 21 ½ Mile Creek

Survey date: 7/22/2014

Water body number: 115-32-10250-2070

Species & Lifestage: None Observed

Watershed: Chilkat Inlet – Frontal Lynn Canal

MTR: C028S056E **Quad:** Skagway B-3

Findings: This stream comes off a steep hillside before it parallels the Haines Highway for about 450 ft and eventually crosses under the Haines Highway through a 3 ft culvert. Above the Haines Highway the stream width is 2-3 ft, and the depth is 1-4 in (Figure 1). Anadromous fish have not been documented above the Haines Highway Culvert (Figure 2).

Recommendations: We recommend shortening the cataloged portion to the downstream end of the Haines Highway culvert (Figure 3).

Table. 1.–Survey waypoints from July 22, 2014.

Waypoint	Latitude °N	Longitude °W	Notes	Sample Effort	Sample Results
562	59.3998	-135.8784	Culvert outlet		
563	59.4000	-135.8783	Culvert inlet - not embedded - moderate gradient, slight inlet perch.		



Figure 1.–21.5 Mile Creek looking upstream from the culvert inlet (August 19, 2012: Courtesy of Mark Eisenman.



Figure 2.–21.5 Mile Creek culvert looking downstream (July 22, 2014).

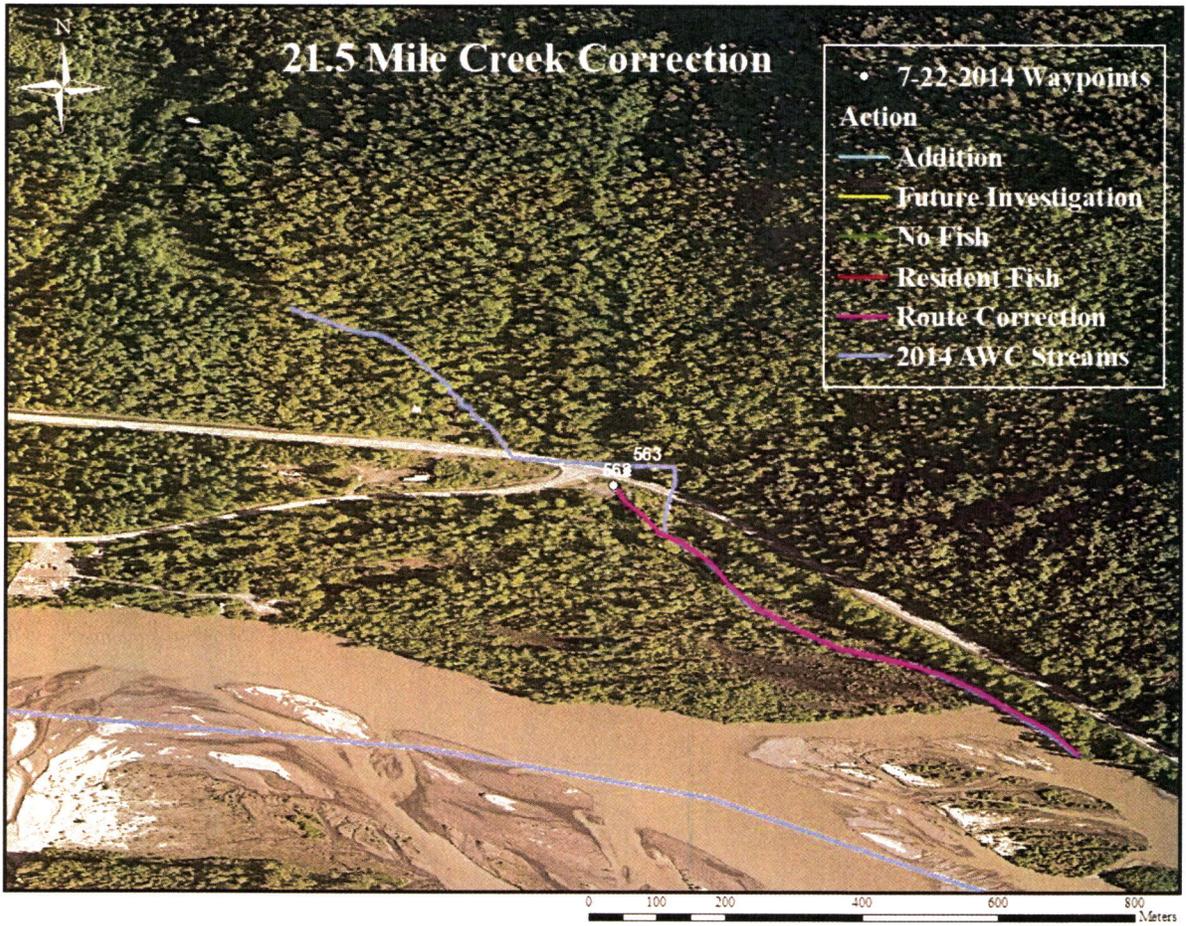
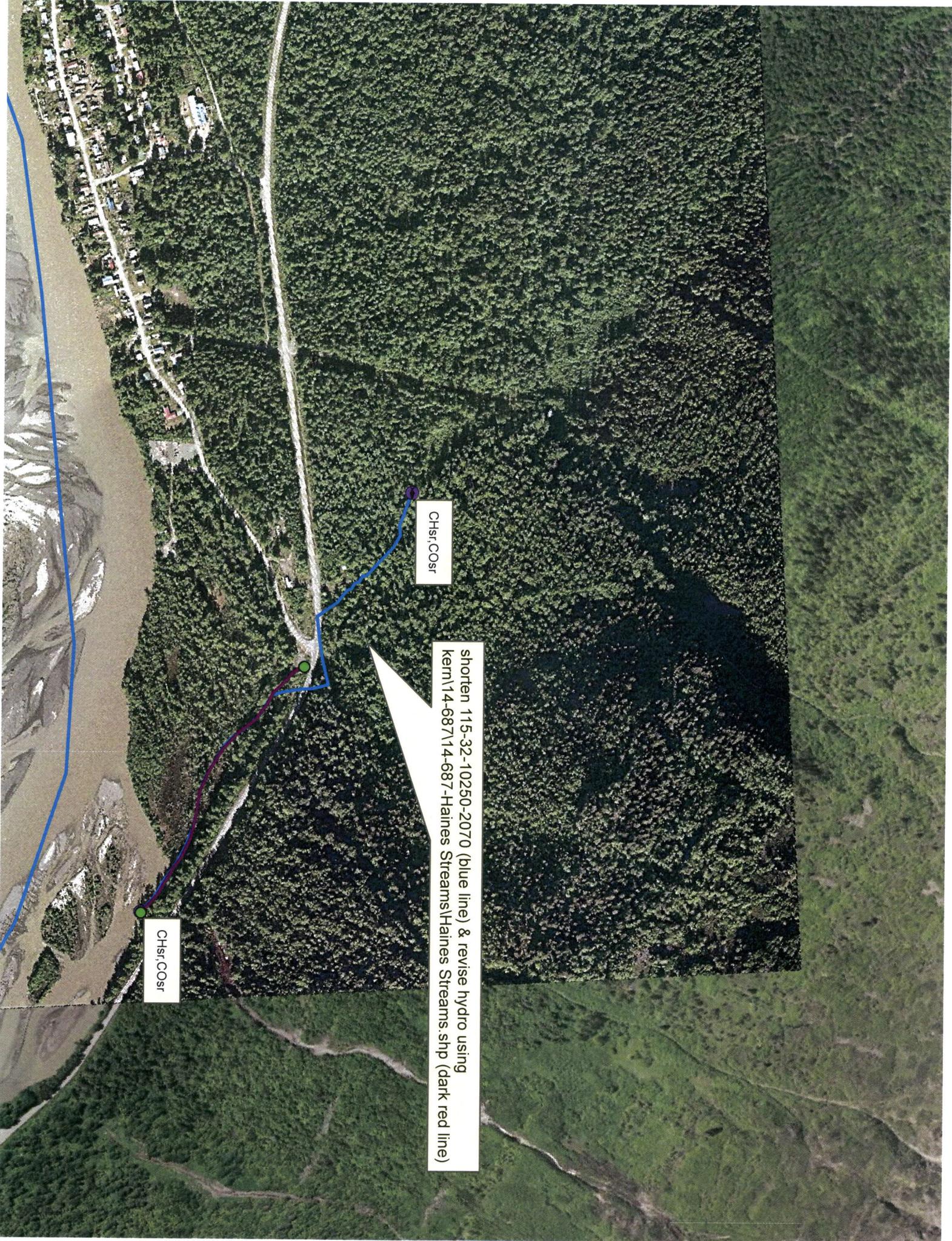


Figure 3.—Route correction map of 21.5 Mile Creek near Klukwan.



CHsr,COsr

shorten 115-32-10250-2070 (blue line) & revise hydro using kern\14-687\14-687-Haines Streams\Haines Streams.shp (dark red line)

CHsr,COsr