



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern

USGS Quad(s) Skagway B-3

Anadromous Waters Catalog Number of Waterway 115-32-10250 -2078

Name of Waterway 23.1 Mile Haines Highway

USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>12-593</u>	<u>[Signature]</u> Fisheries Scientist Date <u>11/2/12</u>
Revision Year: <u>2013</u>	<u>[Signature]</u> Habitat Operations Manager Date <u>11/2/12</u>
Revision to: Atlas _____ Both <u>✓</u>	<u>[Signature]</u> AWC Project Biologist Date <u>10/22/12</u>
Revision Code: <u>A-2</u>	<u>[Signature]</u> Cartographer Date <u>12/10/12</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/30/2012				
chinook salmon	07/30/2012		✓	✓	✓
			✓	✓	✓

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(59.407267,-135.921321) Lower(59.406881,-135.925745)

Add new stream w/ Chinook & coho salmon rearing

Name of Observer (please print): Nicole Legere
 Signature: 146.63.61.200 (Web Nomination)
 Agency: _____
 Address: PO Box 110024 PO Box 110024
Juneau, AK 99811-0024

Date: 09/28/2012

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): _____

23.1 Mile Haines Highway Creek Addition*Stream:* 23.1 Mile Haines Highway Creek (115-32-10250)*Watershed:* Chilkat-Inlet Frontal Lynn Canal*USGS Quadrangle:* Skagway B-3*MTRS:* CO28S056E*Date Surveyed:* July 30, 2012*Findings:* This stream is a tributary to the Chilkat River. Coho and Chinook were caught in the lower portion of the stream; however, the upper portion of the stream is channelized with higher velocity and larger substrate which prevented us from catching fish. There is a jeep road that crosses the stream.*Recommendations:* Add the lower section of this stream to the AWC where coho and Chinook were found to be present.*Nomination form submitted:* Yes*Nomination status:**Notes:***Table 1: 115-32-10250 Addition Survey Data**

Waypoints	Latitude	Longitude	Notes	Sample Effort	Sample Results
49	59.409055	-135.914897	Above the road and culvert that goes under road.		
50	59.407266	-135.923824	AVT/vehicle road crosses the stream		
51	59.406918	-135.926173	Where the stream enters the Chilkat River		
52	59.406881	-135.925745	Electrofished. Settings 400 V, 30 Hz, 12 % duty cycle. Got 3 Chinook about 45 mm.	electrofishing	3 Chinook ~ 45 mm
53	59.406986	-135.925669	Electrofished 2 coho about 40 mm	electrofishing	2 coho ~ 40 mm
54	59.40697	-135.925103	Electrofished 1 Chinook about 45 mm	electrofishing	1 Chinook ~ 45 mm
55	59.406914	-135.924859	Electrofished 1 Chinook about 40 mm	electrofishing	1 Chinook ~ 40 mm
56	59.407088	-135.9241	Electrofished 3 Chinook about 45 mm and 1 DV about 60 mm	electrofishing	3 Chinook ~ 45 mm, 1 DV ~ 60 mm
57	59.407258	-135.923289	Electrofished and got 1 Chinook about 50 mm	electrofishing	1 Chinook ~ 50 mm
58	59.407254	-135.923151	Electrofished got 2 Chinook about 40 mm	electrofishing	2 Chinook ~ 40 mm
59	59.407217	-135.922506	Electrofished got 1 Chinook about 45 mm	electrofishing	1 Chinook ~ 45 mm

60	59.407255	-135.92189	Electrofished 1 Chinook about 40 mm and 1 DV about 55 mm	electrofish	1 Chinook ~ 40 mm, 1 DV ~ 55 mm
61	59.407267	-135.921649	Electrofished got 2 Chinook about 45 mm	electrofish	2 Chinook ~ 45 mm
62	59.407267	-135.921321	Electrofished 1 Chinook and DV both about 50 mm	electrofish	1 Chinook ~ 50 mm, 1 DV ~ 50 mm
63	59.407467	-135.920081	Electrofished 1 DV about 65 mm	electrofish	1 DV ~ 65 mm
64	59.408618	-135.914896	Culvert crosses under Haines Highway		

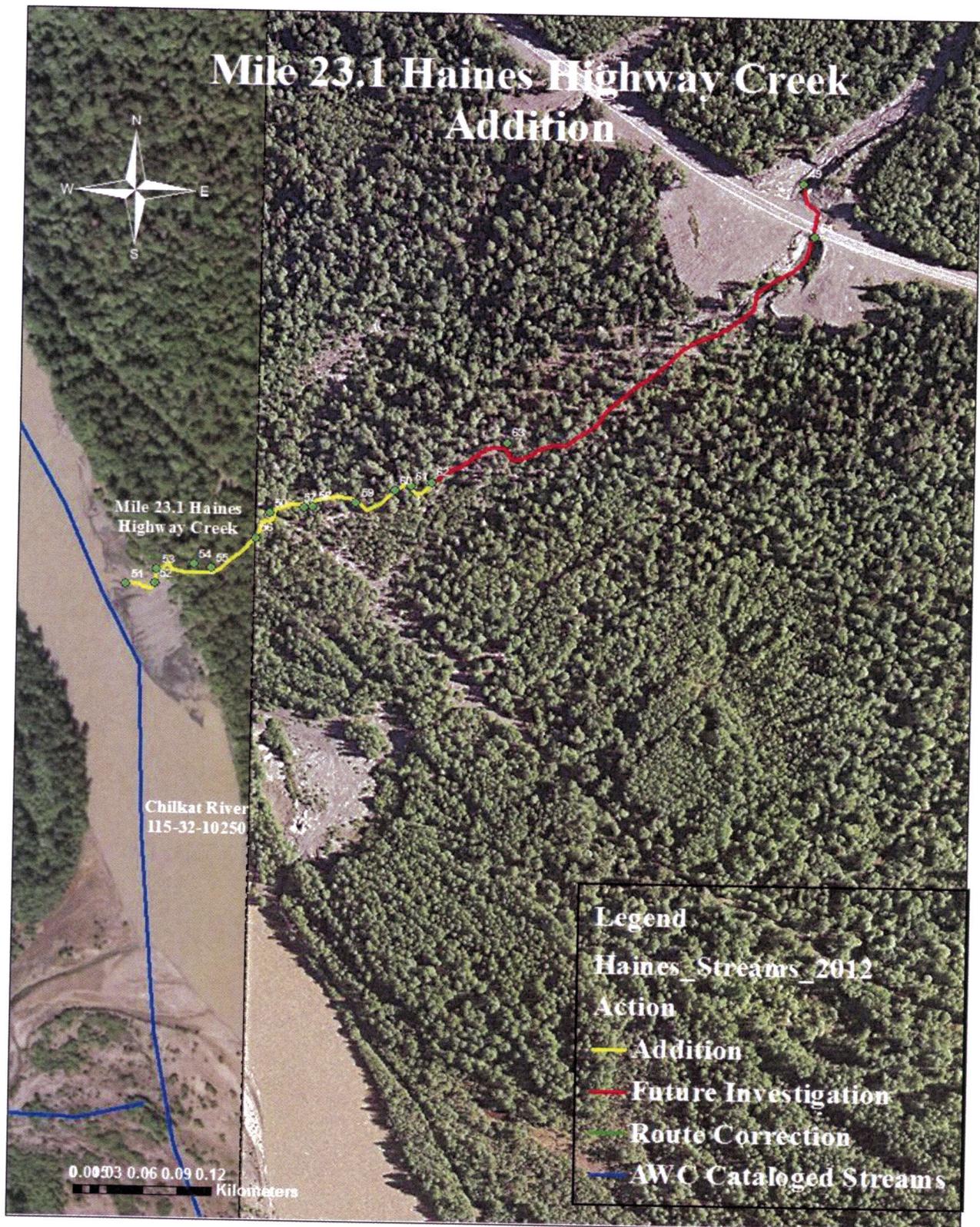


Figure 1: Map of 115-32-10250 Addition

Waypoints	lat	lon	nc1.time2	Notes	Sample Effort	Sample Results
35	59.411821	-135.939887	2012-07-30T19:52:01Z	Top of spawning channel, almost chest deep at the head here and whole way covered in algae. Track and shocking. Electrofished at settings 350 V, 30 Hz, 25 % duty cycle, got 2 coho about 45 mm and both bounced back. Photo (7) matt's camera	electrofish	2 CO ~ 45 mm
36	59.411884	-135.93314	2012-07-30T20:11:54Z	This is where spawning channel enters back log of water from Chilkat River and body of water where trib enters. This back log could also be considered a part of the spawning channel even though silty bottom		
37	59.412453	-135.931435	2012-07-30T20:16:27Z	Where spawning channel back log enters into the Chilkat River. River backing up a lot of water. Other notes: We had a boat put in near WPT # 36. The water to high for vehicles to crosses just unloaded in anadromous area		
38	59.412086	-135.932505	2012-07-30T20:33:26Z	Top of water on road to boat launch to Chilkat handnetted 7 chum Photos (3) matt's camera	handnett	7 Chum
39	59.411946	-135.932866	2012-07-30T20:34:09Z	Where the road water meets up with the back log/spawning channel		
40	59.41194	-135.932956	2012-07-30T20:38:09Z	Calling the mouth trib. Tracking & shocking		
41	59.409759	-135.936696	2012-07-30T20:52:50Z	Handnetted 1 coho about 40 mm	handnett	1 CO ~ 40mm
42	59.409404	-135.93805	2012-07-30T20:57:26Z	Handnetted 6 Coho about 35-40 mm	handnett	6 CO ~ 35-40
43	59.408123	-135.940045	2012-07-30T21:06:52Z	Handnetted 8 coho about 45 mm photo (2)	handnett	8 coho ~ 45 mm
44	59.408056	-135.940252	2012-07-30T21:09:43Z	This where the big channel ends, and handnetted 3 coho about 45 mm. There is a small seep coming in. Photos (3)	handnett	3 coho ~ 45 mm
45	59.408163	-135.940773	2012-07-30T21:11:57Z	Top of seep, just coming up out of the ground		
46	59.411841	-135.933365	2012-07-30T21:23:10Z	Where water from road path connects with water mentioned in WPT # 36. Tracking up. The path for the main body of water is on road. Between 46-47 there is minimal connection, but enough for young fish to move about. Would be more useable at higher water.		
47	59.411588	-135.933845	2012-07-30T21:23:56Z	Top of road path water. Just comes to end, does not appear to becoming up out of the ground just appears to be water left from high water. Was able to handnet 4 coho about 40 mm and visual ID on many more coho.	handnett	4 coho ~ 40 mm
48	59.412012	-135.935032	2012-07-30T21:28:20Z	Above the road and culvert that goes under road.		
49	59.409055	-135.914897	2012-07-30T22:03:51Z			
50	59.407266	-135.923824	2012-07-30T22:26:23Z	AVT/vehicle road crosses the stream photo (2) - matt, on GPS labeled as jeep road		
51	59.406918	-135.926173	2012-07-30T22:29:35Z	Where the stream enters the Chilkat River Electrofished. Settings 400 V, 30 Hz, 12 % duty cycle. Got 3 Chinook about 45 mm.		
52	59.406881	-135.925745	2012-07-30T22:32:58Z	Photo (2) Matt	electrofish	3 Chinook ~ 45 mm
53	59.406986	-135.925669	2012-07-30T22:39:19Z	Electrofished 2 coho about 40 mm	electrofish	2 coho ~ 40 mm
54	59.40697	-135.925103	2012-07-30T22:41:50Z	Electrofished 1 Chinook about 45 mm	electrofish	1 Chinook ~ 45 mm
55	59.406914	-135.924859	2012-07-30T22:43:21Z	Electrofished 1 Chinook about 40 mm	electrofish	1 Chinook ~ 40 mm
56	59.407088	-135.9241	2012-07-30T22:45:34Z	Electrofished 3 Chinook about 45 mm and 1 DV about 60 mm	electrofish	3 Chinook ~ 45 mm, 1 DV ~ 60 mm
57	59.407258	-135.923289	2012-07-30T22:48:19Z	Electrofished and got 1 Chinook about 50 mm	electrofish	1 Chinook ~ 50 mm
58	59.407254	-135.923151	2012-07-30T22:49:29Z	Electrofished got 2 Chinook about 40 mm	electrofish	2 Chinook ~ 40 mm
59	59.407217	-135.922506	2012-07-30T22:51:54Z	Electrofished got 1 Chinook about 45 mm	electrofish	1 Chinook ~ 45 mm
60	59.407255	-135.92189	2012-07-30T22:53:32Z	Electrofished 1 Chinook about 40 mm and 1 DV about 55 mm	electrofish	1 Chinook ~ 40 mm, 1 DV ~ 55 mm
61	59.407267	-135.921649	2012-07-30T22:54:21Z	Electrofished got 2 Chinook about 45 mm	electrofish	2 Chinook ~ 45 mm
62	59.407267	-135.921321	2012-07-30T22:56:00Z	Electrofished 1 Chinook and DV both about 50 mm	electrofish	1 Chinook ~ 50 mm, 1 DV ~ 50 mm
63	59.407467	-135.920081	2012-07-30T23:01:20Z	Electrofished 1 DV about 65 mm	electrofish	1 DV ~ 65 mm
64	59.408618	-135.914896	2012-07-30T23:08:22Z	Culvert crosses under Haines Highway		
						Other notes: Stream channelized and high velocity with little to no places to get out of current about WPT # 63. Electrofished a bit above WPT # 63 but did not get anything, would recommend coming back for more investigation with traps. To see if reach can be increased.

add new stream 115-32-10250-2078
w/coho & Chinook salmon rearing, use
legere\haines\Haines_Streams_2012.shp
for hydrography

