



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

ME

Region Southeastern USGS Quad(s) Skagway_B-3 (NW)

Anadromous Waters Catalog Number of Waterway 115-32-10250-2067-3002-4007 - 5002

Name of Waterway Clear Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>11-562</u>	<u>[Signature]</u>	<u>10/28/11</u>
		Fisheries Scientist	Date
Revision Year:	<u>2017</u>	<u>[Signature]</u>	<u>10/28/11</u>
		Habitat Operations Manager	Date
Revision to:	Atlas <u> </u>	<u>[Signature]</u>	<u>10/29/11</u>
	Both <u>x</u>		Date
Revision Code:	<u>D-1, C-1</u>	<u>[Signature]</u>	<u>11/23/11</u>
	<u>D-2, C-7, C-9,</u>	AWC Project Biologist	Date
		<u>[Signature]</u>	<u> </u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/26/2011		✓	✓	✓

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(59.36844332,-136.0721956) Lower(59.384079,-136.068086)
 delete 115-32-10250-2067-3002-4007-5002 and-0010
 revise hydrography for 115-32-10250-2067-3002-4007
 retain species, upper upper/lower p+s

Name of Observer (please print): Matthew Kern
 Signature: 146.63.61.200 (Web Nomination) Date: 10/06/2011
 Agency: _____
 Address: 3067 Mountainwood Circle 3067 Mountainwood
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): _____

115-32-10250-2067-3002-4007 Route Correction

Stream: 115-32-10250-2067-3002-4007

Watershed: Takhin River

USGS Quadrangle: Skagway_B-3_NW

MTRS: Section 1, Township 29S, Range 55E

Date Surveyed: July 19-20, & August 26, 2011

Findings: We surveyed this network of streams over the course of several days and found many of the tributaries to be sourced from small upwellings in the forest. The stream track begins on catalogued stream: 115-32-10250-2067-3002-4007-5002 (Spring Creek) but then crosses over back onto stream 115-32-10250-2067-3002-4007, which has a local name of Clear Creek. Although we were unable to capture Coho in many of associated tributaries, no obvious barriers were encountered and the habitat seemed very good. Through future investigation it seems possible that these tributaries could be nominated in the future.

Recommendation: Update the mainstem arc of stream 115-32-10250-2067-3002-4007 (Clear Creek). We found the existing arc to extend well beyond the end of any apparent channel so it seems the current catalogued stream length should be shortened to be consistent with our findings.

Nomination form submitted: Yes

Nomination Status:

Notes:

Table 1: Survey Notes from July 19, 2011, investigating the lower reaches of Clear Creek.

Waypoint	lat	long	Date	Notes	Survey Effort	Survey Results
Lower Extent	59.384079	136.068086				
1	59.382983	-136.06799	19-JUL-11 8:39:03AM	Bridge that loggers use to cross Clear Creek. There are adult sockeye salmon present that are crusing around. Tracking upstream.		
2	59.381799	-136.06929	19-JUL-11 8:56:22AM	Possible tributary. Turned out to be a tributary that enters from creek right.		
3	59.380843	-136.06966	19-JUL-11 9:12:34AM	Tributary entering from creek left. Tracking up.		
4	59.380217	-136.06954	19-JUL-11 9:20:43AM	Top of the tributary. The water just coming out of the ground and becomes the stream. Electrofished at 30Hz, 300v and a Duty Cycle of 3 and got nothing.	Electrofisher	Nothing
5	59.380613	-136.0694	19-JUL-11 9:38:37AM	Electrofished at 30Hz, 300v and Duty Cycle of 3 and got nothing.	Electrofisher	Nothing
6	59.380392	-136.06911	19-JUL-11 9:43:42AM	Top of tributary. It just comes out of the ground. No fish were seen.		
7	59.381894	-136.07069	19-JUL-11 10:03:03AM	Beaver Dam. Has a good size hole in it on the creek right of the dam. There fish are able to pass because there were five sockeye present above the dam.		

8	59.381685	-136.07084	19-JUL-11 10:07:33AM	Netted 2 Coho about 30-35mm.	Net	2 Coho, 30-35mm
9	59.381403	-136.07132	19-JUL-11 10:13:20AM	Possible tributary entering from creek left. Will have to come back to since it is on opposite side and creek is too deep to cross at this time.		
10	59.381764	-136.07217	19-JUL-11 10:25:29AM	Top of the tributary/ditch that was mentioned in WPT#9. The water is just coming out of the ground. Was able to net 11 Coho that were about 30mm.	Net	11 Coho, 30mm
11	59.380624	-136.07186	19-JUL-11 10:37:19AM	Tributary entering from creek left. Tracking up.		
12	59.380516	-136.07256	19-JUL-11 10:43:51AM	Top of the tributary. Beaver dam at the top. Dam makes a marsh above it.		
13	59.379753	-136.07159	19-JUL-11 10:54:37AM	Tributary entering from creek right. Tracking up.		
14	59.37954	-136.07153	19-JUL-11 10:57:14AM	Tributary entering from creek left. Tracking up.		
15	59.378797	-136.07185	19-JUL-11 11:04:50AM	Top of the tributary comes out of the ground.		
16	59.379219	-136.07137	19-JUL-11 11:12:50AM	Tributary entering from creek right. Tracking up.		
17	59.379213	-136.07086	19-JUL-11 11:15:10AM	Top of the tributary. Just comes bubbling up out of the ground.		
18	59.378568	-136.0702	19-JUL-11 11:25:17AM	Top of the tributary. Just comes boiling up out of the ground.		
19	59.379136	-136.07115	19-JUL-11 11:38:14AM	Visual identification on 1 Coho which was about 60mm.	Visual identification	1 Coho, 60mm
20	59.379336	-136.07344	19-JUL-11 12:14:22PM	Have a tributary entering from creek left. Also have a backwater area right next to the tributary mouth. Tracking up the tributary.		
21	59.379192	-136.07407	19-JUL-11 12:22:44PM	Crossed the creek and went up a slight embankment and there was a large beaver pond present. Just wanted to mark it since was close to middle of the pond.		
22	59.377986	-136.07453	19-JUL-11 12:39:46PM	Calling it good on tracking this tributary. The tributary ran along the beaver pond and then connects with pond in a couple of places. But really connects at WPT which is basically the top of the beaver pond. The area is very flooded out and dead trees making it hard to travel. So calling it good tracking. The tributary appears to be somewhat new.		

Table 2: Survey Notes from August 26, 2011, investigating the upper reaches of Clear Creek.

Waypoint	lat	long	Notes	sample effort	sample result
1	59.37939486	-136.0735377	confluence before beaver pond... Begin tracking up mainstem.		
2	59.3760701	-136.0732393	Spot where we started tracking downstream yesterday		
3	59.37347397	-136.0715571	Having a snack (explanation for zigzagging nature of the trackline)		
4	59.37320307	-136.0713104	1 Coho 35 mm, 1 Dolly V - 30 mm handnetted	NET	1 Coho - 35 mm, 1 Dolly Varden - 30 mm
5	59.37182232	-136.0698525	Possible Tributary or SIDE CHANNEL (check) enters on river right... continue upstream.		
6	59.37039237	-136.0711077	1 Dolly Varden - 30 mm	NET	1 Dolly Varden - 30 mm
7	59.37007603	-136.0710003	Possible Tributary enters River left... Come back to track if time permits. 2 Dolly Varden - 30-35 mm	NET	2 Dolly Varden - 30-35 mm
8	59.3691096	-136.0711232	Coho dipnetted - 35 mm... Continue up stream.	NET	1 Coho - 35 mm
9	59.36829655	-136.0713053	Tributary enters River Right... Come back later (Looks like fun) (Drawing of sad face) - 1 Coho netted	NET	1 Coho - 35 mm
10	59.36828767	-136.0717538	1 Coho - 45 mm - excessive pars (Tiger Coho?)	NET	1 Coho - 45 mm
11	59.36734756	-136.0731396	Big (55 mm) Coho (Tiger) handnetted	NET	1 Coho - 55 mm
12	59.367093	-136.0731853	Tributary enters River Right (Cliff hillside "Right there!") Come back later...		
13	59.36700013	-136.073192	WAS a side channel- pours off from here - possible tributary comes in on River Left - Concentrate on Big Water		
14	59.36681078	-136.0732289	Small Trib enters on RR - Continue up Mainstem		
15	59.36648162	-136.0735475	1 Cutthroat Trout Handscooped - 60 mm	NET	1 Cutthroat - 60 mm
16	59.36644156	-136.0737067	2 Coho netted - 40 mm - stream becomes mossy - steeper - rocky - piddling out.	NET	2 Coho - 40 mm
17	59.36641524	-136.0738778	End of water and channel - stream comes out of large rocky substrate - would require very high flow to contain fish or water.		
19	59.36684313	-136.0731868	1 Dolly Varden - 25 mm		
20	59.36660643	-136.0728076	Top of watered habitat - channel continues but very vegetated - likely no fish habitat.		
21	59.36806848	-136.071006	Top of nasty tree riddled tributary - no fish captured or evidenced.		
22	59.36959399	-136.0713439	Small Trib feeds in on River Right - 1 Dolly Varden - 30 mm	NET	1 Dolly Varden - 30 mm
23	59.36916173	-136.071817	Small tributary enters on creek left - continue up main tributary...		

24	59.36866594	-136.0719658	Visual ID - Unknown salmonid (probably cutthroat) - 100 mm	VISUAL ID	1 Unknown Salmonid - 100 mm
25	59.36844332	-136.0721956	Top of tributary - no channel - or water - above - just a pool with a small seep! We made it to the top.		

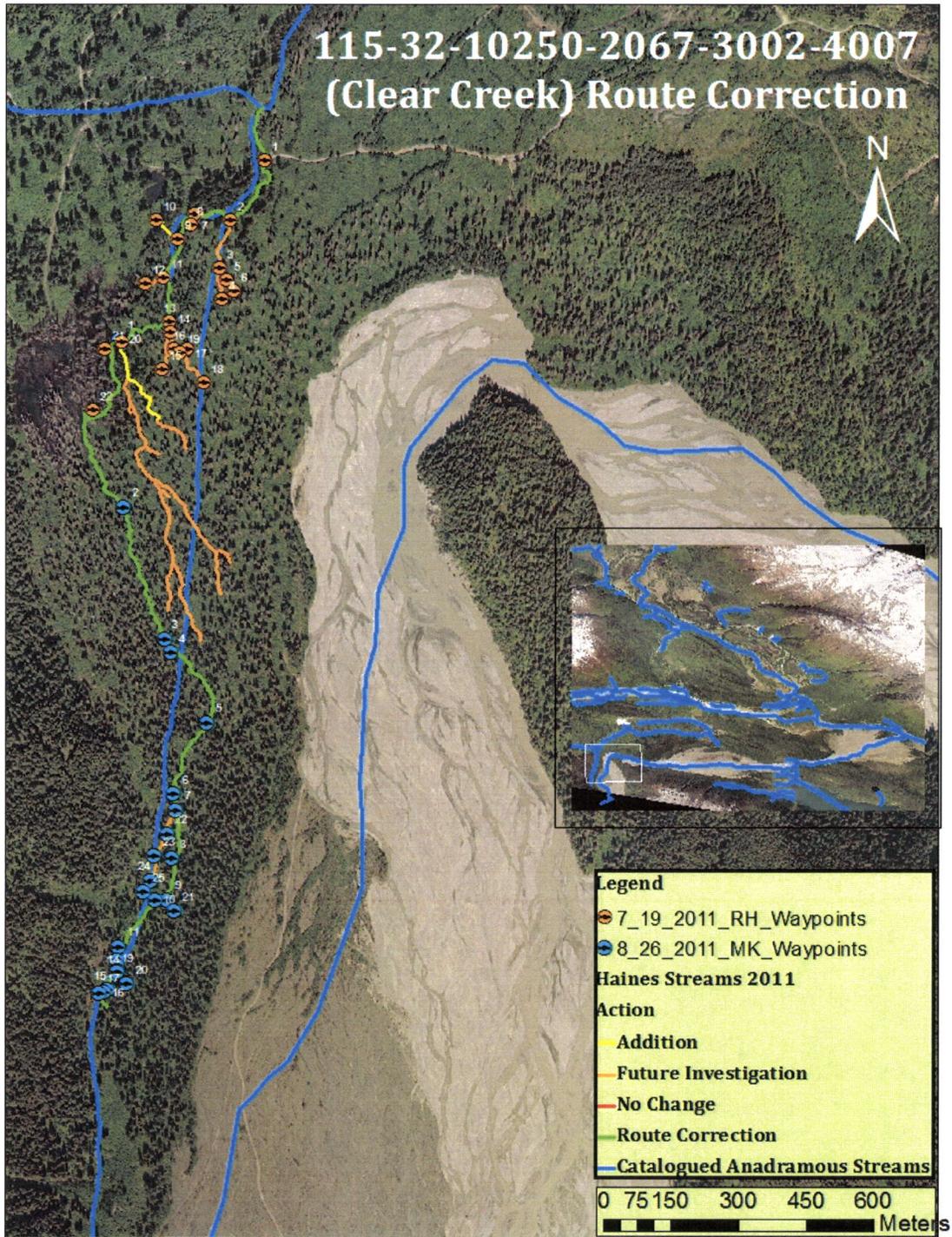


Figure 1: Map detailing Clear Creek and surroundings.

