State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): Skagway B-1 NW

Anadromous Waters Catalog Number of Waterway: 115-34-10310

Name of Waterway: Pullen Creek

☐ USGS Name ☑ Local Name

☐ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #	12-612		11/2/12
		Fisheries Scientist	Date
Revision Year:	2013		11/2/12
		Habitat Operations Manager	Date
Revision to:	Atlas ____ ____		10/29/12
	Both X	AWC Project Biologist	Date
Revision Code:	a-9, A-7		11/27/12
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	08/28/2012			✓	

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(59.46429,-135.299209) Lower(59.45129,-135.322643)

Revise hydrography, reposition pts.

ref nom # 12-613

Name of Observer (please print): Nicole Legere

Signature: 146.63.61.200 (Web Nomination) Date: 10/12/2012

Agency:

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):

115-34-10310 Route Correction
Stream: 115-34-10310
Watershed: Taiya Inlet-Frontal Chilkoot Inlet
USGS Quadrangle: Skagway B-1
MTRS: CO28S059E
Date Surveyed: August 28, 2012
Findings: We tracked and surveyed this stream and found the stream route differs from the AWC.
Recommendations: Update the stream route in the AWC.
Nomination form submitted: Yes
Nomination status:
Notes:

Table 1: 115-34-10310 Route Correction

Waypoint Name	Latitude	Longitude	Notes	Sample Effort	Sample Results
35	59.45129	-135.322643	Mouth of Pullen Creek. Large angled culvert with cement shoot to contain water. Enters cruise ship harbor. 1 seal present.		
36	59.45189	-135.321183	Stream goes beneath road in ~60" CMP culvert. Continuing upstream.		
37	59.45192	-135.31762	Pullen Creek Chinook Project weir. Just below small pond/park. Holding pens for ripening Kings.		
38	59.45219	-135.316428	Large ~ 8 ft culvert CMP - halfway embedded - good fish passage. Resuming up.		
39	59.45225	-135.31583	Small open spot, then another similar culvert under railroad tracks. 2-3 spawning fish visible, 1 Chinook, 2 unidentifiable.	Visual	Chinook
40	59.45412	-135.313143	Majority of water comes through what looks to be a power house - might be a barrier. Smaller fork comes in from the other side. Tracking up smaller fork.		
41	59.45494	-135.312748	Small clear stream enters on River Left. Some flow, vegetated channel, begin shocking and tracking upstream.		
51	59.45531	-135.312711	E-fished ~5 DV - 40-120 mm. Resume up	Electrofish	5 DV - 40-120 mm
52	59.4556	-135.312604	E-fished 2 DV- 40-50 mm	Electrofish	2 DV - 40-50 mm

53	59.45587	-135.312414	Electrofished - 5 DV - 45-90 mm - stream flows through 48" CMP culvert under Rd. Looks good for fish passage.	Electrofish	5 DV -45-90 mm
54	59.45627	-135.311781	E-fished 3 DVs- 40-55 mm. Resuming up sandy bottom. CBW consistent - 5-8 ft. Moderate flow-water becoming less silty.	Electrofish	3 DV - 40-55 mm
55	59.4564	-135.312002	Stream flows through culvert 1.5-2 ft CMP. Beneath neighborhood. Resume up - skirting left around structures.		
56	59.45667	-135.311633	On stream again at upstream side of yard. Then enters culvert again through backyards with high fences. Possible obstruction in stream criss crossed fence		
57	59.45716	-135.311563	Back on stream. Extensive stream bank manipulation - bank stabilization with plastic mesh filled with rocks and also stacked flat pieces of concrete. Some channelization but looks passable for fish still. Upstream goes through culvert beneath someone's driveway. Going up.		
58	59.45737	-135.311217	Long stretch of straight channel bank stabilization with stream between someone's long straight green lawn and the road.		
59	59.45802	-135.31007	Downstream side of long culvert		
60	59.4584	-135.309313	Upstream side of long culvert. Captured 1 DV - 60 mm. Resuming UP. Stream continues to run adjacent to sidewalk.		
61	59.45889	-135.308877	Captured 2 DV - 40-70 mm. Resume up.	Electrofish	2 DV - 40-70 mm
62	59.45934	-135.307241	Another culvert - 48" CMP. Embedded ~1/6th. Looks very passable. Smell of dead fish somewhat noticeable but no spawners visible.		
63	59.4596	-135.30696	Another culvert - looks fine~44"		
64	59.45992	-135.307135	E-fished 2 DV - 45-80 mm.		

66	59.46078	-135.308648	Looks like the source of the water was just runoff from the streets. No stream above the street drains. Back to mainstem.		
67	59.46057	-135.30753	Stream goes through another culvert. 48" CMP. Getting wet.		
68	59.46082	-135.307151	Another culvert - looks passable. Good gravels present, visual ID of two unknown salmonids ~160 mm	Visual ID	2 Unidentifiable Salmonids - 160 mm
69	59.46098	-135.306294	E-fished 6 DV - 40-50 mm. Resuming up.	Electrofish	6 DV - 40-50 mm
70	59.46179	-135.303235	Stream flows through another culvert. Skirting around residents backyards to the River Left.		
71	59.46284	-135.302255	Runoff filled tributary enters on River Right. Looks to be source of recent silt on main channel. Will track up to investigate and electrofish		
74	59.46278	-135.30192	2 Old intake pipes - don't look active. Area boomed off possibly from a former oil spill or something similar.		
75	59.46345	-135.300896	Stream goes beneath road through culvert that looks to go under railroad tracks. Will look for other side. Rain is keeping water levels nice and high.		
76	59.46344	-135.300401	E-fished 2 DV - 40-75 mm. Stream continues between Railroad tracks and mountainside. Abundant DV, no coho in this system yet.	Electrofish	2 DV - 40-75 mm
77	59.46429	-135.299209	Reached the source of water flows out of rocks in the hillside.		

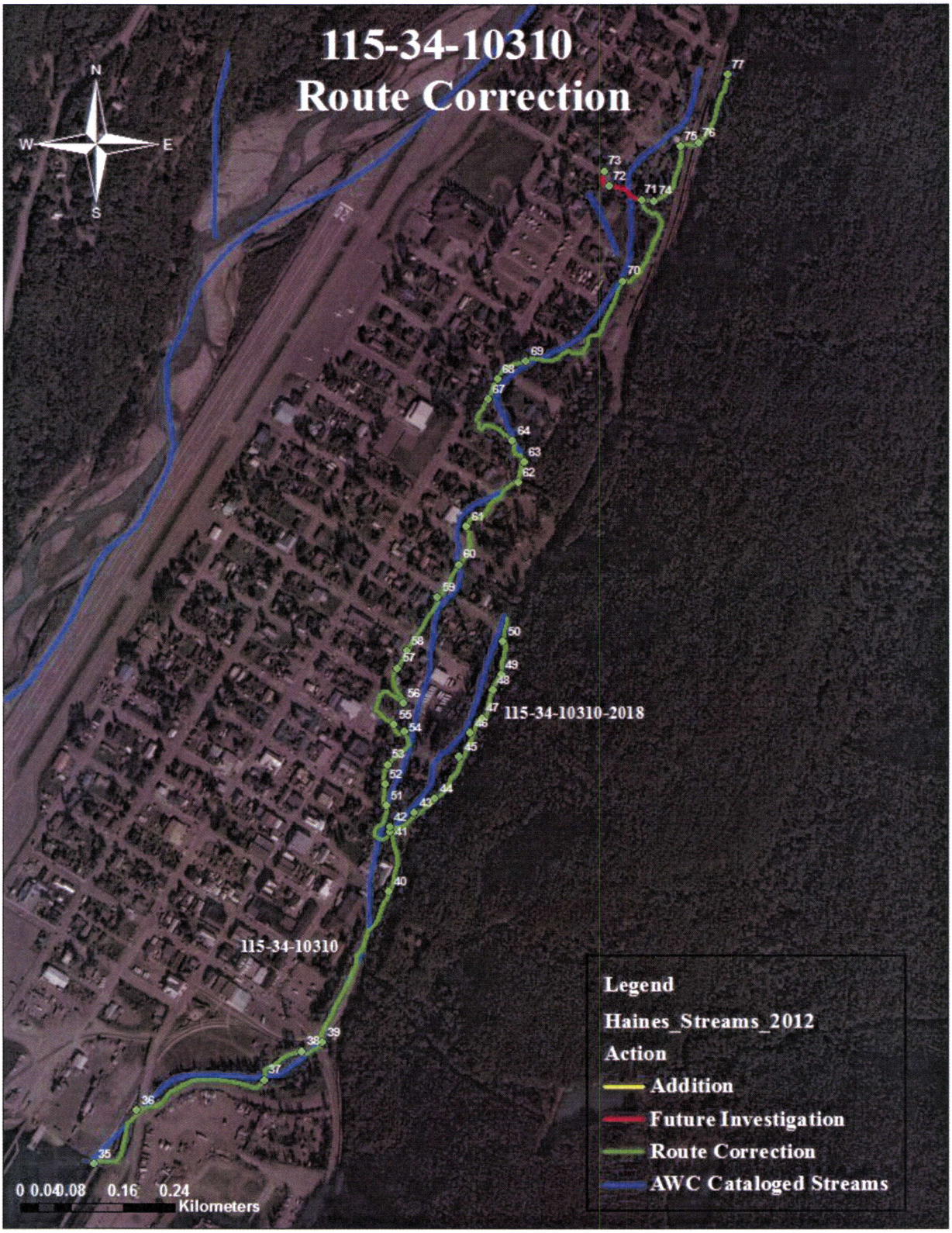

Figure 1: Map of 115-34-10310 Route Correction

Latitude	Longitude	y_proj	x_proj	comment	display	symbol	dist	proximity	type	color	ident	altitude	depth	temp	time	wpt_class	sub_class
WAYPOINT	35	59.45129	-135.323	59.45129	-135.323			Flag, Blue				8.433605			2012/08/28 18:01:33+00		
WAYPOINT	36	59.45189	-135.321	59.45189	-135.321			Flag, Blue				6.038996			2012/08/28 18:03:40+00		
WAYPOINT	37	59.45192	-135.318	59.45192	-135.318			Flag, Blue				4.727102			2012/08/28 18:08:14+00		
WAYPOINT	38	59.45219	-135.316	59.45219	-135.316			Flag, Blue				3.023318			2012/08/28 18:12:27+00		
WAYPOINT	39	59.45225	-135.316	59.45225	-135.316			Flag, Blue				4.720898			2012/08/28 18:14:14+00		
WAYPOINT	40	59.45412	-135.313	59.45412	-135.313			Flag, Blue				4.024441			2012/08/28 18:22:46+00		
WAYPOINT	41	59.45494	-135.313	59.45494	-135.313			Flag, Blue				3.744364			2012/08/28 18:27:37+00		
WAYPOINT	42	59.455	-135.313	59.455	-135.313			Flag, Blue				3.840002			2012/08/28 18:33:03+00		
WAYPOINT	43	59.45512	-135.312	59.45512	-135.312			Flag, Blue				4.426339			2012/08/28 18:36:21+00		
WAYPOINT	44	59.45526	-135.311	59.45526	-135.311			Flag, Blue				4.334651			2012/08/28 18:54:59+00		
WAYPOINT	45	59.45576	-135.31	59.45576	-135.31			Flag, Blue				3.803975			2012/08/28 18:57:33+00		
WAYPOINT	46	59.45605	-135.31	59.45605	-135.31			Flag, Blue				3.67366			2012/08/28 18:59:51+00		
WAYPOINT	47	59.45622	-135.31	59.45622	-135.31			Flag, Blue				0.852358			2012/08/28 19:02:34+00		
WAYPOINT	48	59.45657	-135.309	59.45657	-135.309			Flag, Blue				2.251533			2012/08/28 19:05:49+00		
WAYPOINT	49	59.45676	-135.309	59.45676	-135.309			Flag, Blue				1.091893			2012/08/28 19:08:07+00		
WAYPOINT	50	59.45721	-135.309	59.45721	-135.309			Flag, Blue				2.24138			2012/08/28 19:11:34+00		
WAYPOINT	51	59.45531	-135.313	59.45531	-135.313			Flag, Blue				-0.82125			2012/08/28 19:22:52+00		
WAYPOINT	52	59.4556	-135.313	59.4556	-135.313			Flag, Blue				-0.36606			2012/08/28 19:25:32+00		
WAYPOINT	53	59.45587	-135.312	59.45587	-135.312			Flag, Blue				-0.36923			2012/08/28 19:28:10+00		
WAYPOINT	54	59.45627	-135.312	59.45627	-135.312			Flag, Blue				-0.1215			2012/08/28 19:33:16+00		
WAYPOINT	55	59.4564	-135.312	59.4564	-135.312			Flag, Blue				0.164675			2012/08/28 19:35:26+00		
WAYPOINT	56	59.45667	-135.312	59.45667	-135.312			Flag, Blue				0.466346			2012/08/28 19:38:28+00		
WAYPOINT	57	59.45716	-135.312	59.45716	-135.312			Flag, Blue				0.377403			2012/08/28 19:42:29+00		
WAYPOINT	58	59.45737	-135.311	59.45737	-135.311			Flag, Blue				-0.94085			2012/08/28 19:45:27+00		
WAYPOINT	59	59.45802	-135.31	59.45802	-135.31			Flag, Blue				-0.25653			2012/08/28 19:49:11+00		
WAYPOINT	60	59.4584	-135.309	59.4584	-135.309			Flag, Blue				-0.12586			2012/08/28 19:50:46+00		
WAYPOINT	61	59.45889	-135.309	59.45889	-135.309			Flag, Blue				-0.27149			2012/08/28 19:54:14+00		
WAYPOINT	62	59.45934	-135.307	59.45934	-135.307			Flag, Blue				0.200831			2012/08/28 19:57:13+00		
WAYPOINT	63	59.4596	-135.307	59.4596	-135.307			Flag, Blue				-0.50301			2012/08/28 19:58:53+00		
WAYPOINT	64	59.45992	-135.307	59.45992	-135.307			Flag, Blue				4.680119			2012/08/28 20:22:43+00		
WAYPOINT	65	59.46042	-135.308	59.46042	-135.308			Flag, Blue				6.908068			2012/08/28 20:27:12+00		
WAYPOINT	66	59.46078	-135.309	59.46078	-135.309			Flag, Blue				12.13106			2012/08/28 20:31:58+00		
WAYPOINT	67	59.46057	-135.308	59.46057	-135.308			Flag, Blue				9.744885			2012/08/28 20:35:39+00		
WAYPOINT	68	59.46082	-135.307	59.46082	-135.307			Flag, Blue				10.21919			2012/08/28 20:37:54+00		
WAYPOINT	69	59.46098	-135.306	59.46098	-135.306			Flag, Blue				10.57074			2012/08/28 20:40:48+00		
WAYPOINT	70	59.46179	-135.303	59.46179	-135.303			Flag, Blue				14.90224			2012/08/28 20:49:13+00		
WAYPOINT	71	59.46284	-135.302	59.46284	-135.302			Flag, Blue				15.12594			2012/08/28 20:54:16+00		
WAYPOINT	72	59.46312	-135.303	59.46312	-135.303			Flag, Blue				16.08004			2012/08/28 20:57:35+00		
WAYPOINT	73	59.46335	-135.303	59.46335	-135.303			Flag, Blue				17.08801			2012/08/28 20:59:35+00		
WAYPOINT	74	59.46278	-135.302	59.46278	-135.302			Flag, Blue				17.1736			2012/08/28 21:04:53+00		
WAYPOINT	75	59.46345	-135.301	59.46345	-135.301			Flag, Blue				18.11305			2012/08/28 21:08:01+00		
WAYPOINT	76	59.46344	-135.3	59.46344	-135.3			Flag, Blue				17.01578			2012/08/28 21:13:07+00		
WAYPOINT	77	59.46429	-135.299	59.46429	-135.299			Flag, Blue				17.40697			2012/08/28 21:31:09+00		
WAYPOINT	78	59.46627	-135.298	59.46627	-135.298			Flag, Blue				-5.57001			2012/08/28 22:20:41+00		

DVsr
COs
CHp,COr
revise 115-34-10310 hydrography
legere\haines\Haines_Streams_2012.shp (fid78)
CHp,COsr,Ps,DVsr