



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) Juneau B-2 SW

Anadromous Waters Catalog Number of Waterway 111-40-10980 -2002

Name of Waterway Tributary of Hendrickson Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>10-743</u>	<u>[Signature]</u>	<u>10/26/10</u>
Revision Year:	<u>2011</u>	Fisheries Scientist	Date
Revision to:	Atlas _____	<u>[Signature]</u>	<u>10/26/10</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-2, C-9</u>	<u>[Signature]</u>	<u>10 Sept 10</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>4/1/10</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	05/28/2010		✓	✓	✓

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:

A tributary to Hendrickson creek was surveyed and found to support rearing coho salmon. A total of nineteen coho were sampled with minnow traps. Waypoint 10 was the last trap to fish coho. Low water conditions and a french drain barrier prevented further trapping. The french drain has since been culverted and further trapping is recommended.
Coordinates (Lat,Long): Upper(58.338433,-134.527443) Lower(58.337189,-134.526989)

Add new stream w/coho salmon REARING, update 111-40-10980 lower end hydro

TRACK provided

Name of Observer (please print): Tess Quinn

Signature: 146.63.139.55 (Web Nomination) Date: 09/03/2010

Agency: _____

Address: PO Box 35032 PO Box 35032
Juneau, AK 99803

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): _____

New Tributary off Hendrickson Creek (111-40-10980)

Minnow traps were set along the anadromous length of the uncataloged tributary which yielded a total of nineteen coho salmon smolts, twenty-six Dolly Varden char, and one sculpin. The stream was walked to the end of anadromous habitat which terminates at a gradient of 20% and subsurface trickle. The stream’s substrate consists of fines, organics, and gravels with occasional small cascades created by woody debris. The bed width ranges from two to eight feet across and is well-defined in the lower reaches. The upper reach flows through a steep forested muskeg and further exploration of the stream was limited due to extremely low water conditions.

Overall, the stream provides excellent rearing habitat, while subsequent spawning surveys would better attest to its spawning habitat. The stream is impacted by development of private property, but maintains a healthy fish population.

WAYPOINT	LAT	LONG_	TRAP_STAT	SOAK_TIME	DESCRIPTION	SPECIES_LE	LIFESTAGE	NAME
4	58.337189 Lower reach	-134.526989 Lower reach	Non_Salmon	4hrs	Set trap in deep pool below 1' cascade, below french drain	Dv (9)	N/A	Uncataloged Hendrickson Trib
5	58.337048	-134.526851	No_trap	N/A	Took point in middle of road; owner created a rough french drain that water is trickling out of. Approximately 14 feet across.			Uncataloged Hendrickson Trib
6	58.336896	-134.526829	No_trap	N/A	Stream seeps into gravels...very low flows (May 28, 2010)	N/A	N/A	Uncataloged Hendrickson Trib
7	58.335066	-134.526596	No_trap	N/A	End of potential anadromy. Stream just a seep and flows subsurface and gradient steepens to 20%			Uncataloged Hendrickson Trib
8	58.338835	-134.527550	Salmon	4hrs	Set trap in scour pool below culvert on North Douglas Hwy	Co (6), Dv (3)	Smolt	Uncataloged Hendrickson Trib
9	58.338637	-134.527750	Salmon	4hrs	Set trap above North D. culvert in shallow pool w/ fines, cobbles	Co (4), Dv (3)	Smolt	Uncataloged Hendrickson Trib
10	58.338433 Upper reach	-134.527443 Upper reach	Salmon	4hrs	Set trap in deep pool below 1' cascade, below french drain	Co (9), Dv (12), Sc (1)	Smolt	Uncataloged Hendrickson Trib
11	58.336999	-134.526911	Non_Salmon	4hrs	Set trap above french drain in small pool w/ fines, gravels	Dv (5)	N/A	Uncataloged Hendrickson Trib



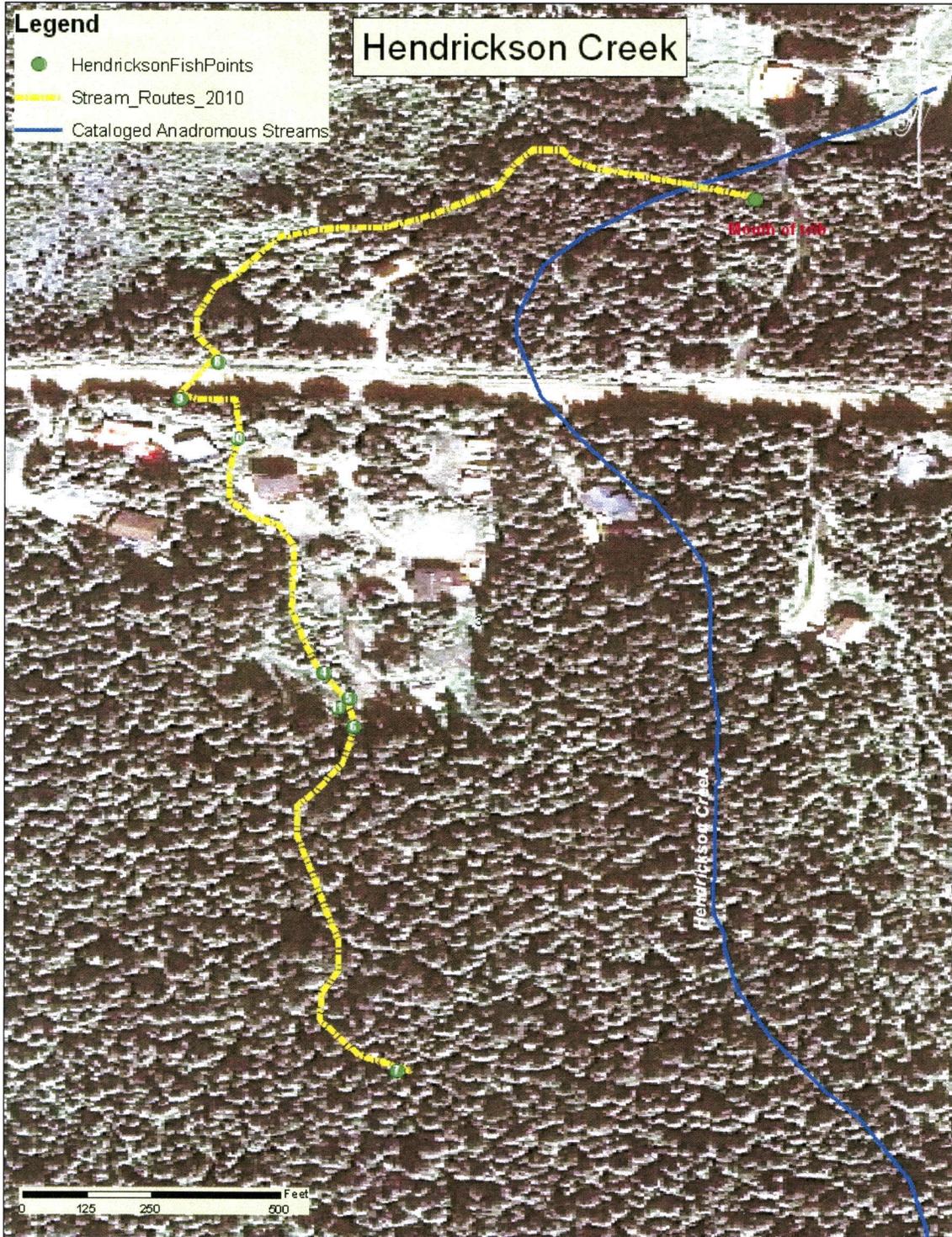
Coho caught at waypoint 8



Coho caught at waypoint 9



Coho caught at waypoint 10



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COr,Ps,CTr,DVp

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9

10

Ps

Revised 11-40-10980 team and hydrography

Add new stream 11-40-10980-2002

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