



State of Alaska  
Department of Fish and Game  
Division of Sport Fish

Nomination Form  
Anadromous Waters Catalog



Region: Southeast USGS Quad(s): Craig A-3

AWC Number of Water Body: 103-40-10420

Name of Water body: Unnamed Stream near Klakas Nephew  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	150060	<i>James J. Hasbrouck</i>	5/8/2015
Revision Year:	2016	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<i>Michelle J. H.</i>	5/8/15
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	B-2	<i>JA</i>	29 Apr 15
		AWC Project Biologist	Date
		<i>JA</i>	5/13/15
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho salmon			X		<input checked="" type="checkbox"/>
Dolly Varden				X	<input type="checkbox"/>
Rainbow trout				X	<input type="checkbox"/>
Cutthroat trout				X	<input type="checkbox"/>

**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**

See supplemental information attached. This package was prepared by Cathy Needham and Melanie Kadake. For questions or more information contact Ms. Kadake at 907-285-2666 or mjkadake13@gmail.com or Ms. Needham at 907-723-4436 or cathy@kaienvironmental.com

*Add coho salmon rearing to creek*

ALASKA DEPT. OF FISH & GAME  
DEC 11 2014

Name of Observer (please print): Tony Sanderson

Signature: *Tony Sanderson* Date: 12-9-14

Agency: Hydaburg Cooperative Association

Address: P.O. Box 349  
Hydaburg, AK 99922

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 11/13

Name of Area Biologist (please print): \_\_\_\_\_

### Supplemental information for an Unnamed Stream near Klakas Nephew

Four baited minnow traps were soaked for 1-6 hours in an unnamed stream near Klakas Nephew on July 31<sup>st</sup>, 2013. The attached figure shows the trap locations. The unnamed stream is listed in the Anadromous Waters Catalog (103-40-10420) for the presence of pink and Coho salmon. This current nomination is to include rearing of Coho salmon. It is also noted Dolly Varden, Rainbow and cutthroat trout were present in traps set in the stream. An ADFG fish trapping permit datasheet is attached to this nomination packet for further details on fish trapping efforts. There were no adult fish counts performed on the stream.

Stream mapping and survey data was collected by the Hydaburg Cooperative Association Stream Survey crew for Stream 2 on July 31, 2014. Data was taken on three reaches (reach numbers in the tables correspond to a master dataset; see attached figure for locations). The stream survey data are in the following table:

	Reach 1	Reach 2	Reach 3
<b>Average stream gradient</b>	11.8	2.2	1.3
<b>Average bankfull width</b>	8.7	6.2	8.5
<b>Average channel bed width</b>	3.9	4.5	6.3
<b>Average incision depth</b>	1	0.54	0.51
<b>Bank composition</b>	Bedrock	Mixed	Organic
<b>Dominant substrate</b>	Bedrock	Small cobble	Very coarse gravel
<b>Sub-dominant substrate</b>	Bedrock and large, Med Boulder	Large cobble and very coarse gravel	Coarse gravel and small cobble
<b>Large wood count</b>	6	15	17
<b>Key wood count</b>	3	5	4
<b>Macro-pool count</b>	3	0	18

Reach 1 was classified as HCL (Low incision, high gradient), Reach 2 was classified as LCS (Small low gradient contained channel), and Reach 3 was classified as PAB (Beaver dam/pond). The stream survey crew did not document a barrier on this stream. The stream survey crew trapped after the last point and caught two Coho, but ran out of time to go further in the stream. Therefore the upper extent of fish habitat was not reached.



Photo 1: Taken at the top of reach 3 looking down on Unnamed Stream near Klakas Nephew.

# Klakas Nephew Unnamed Stream 2

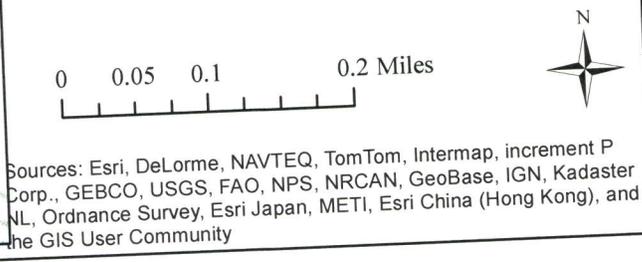
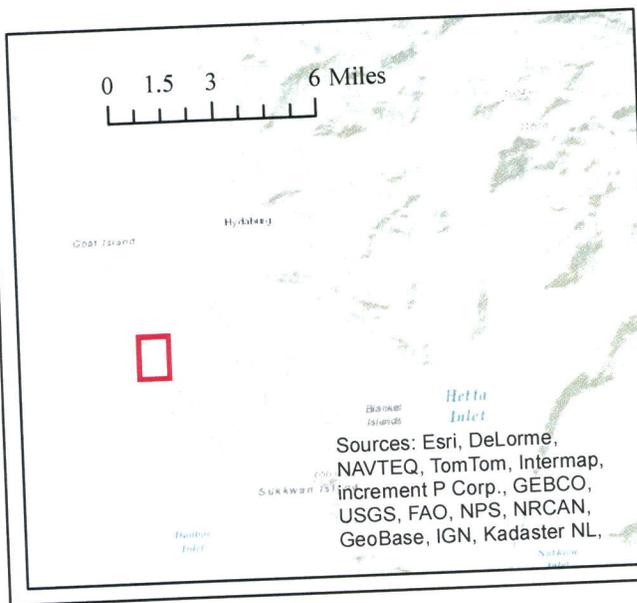
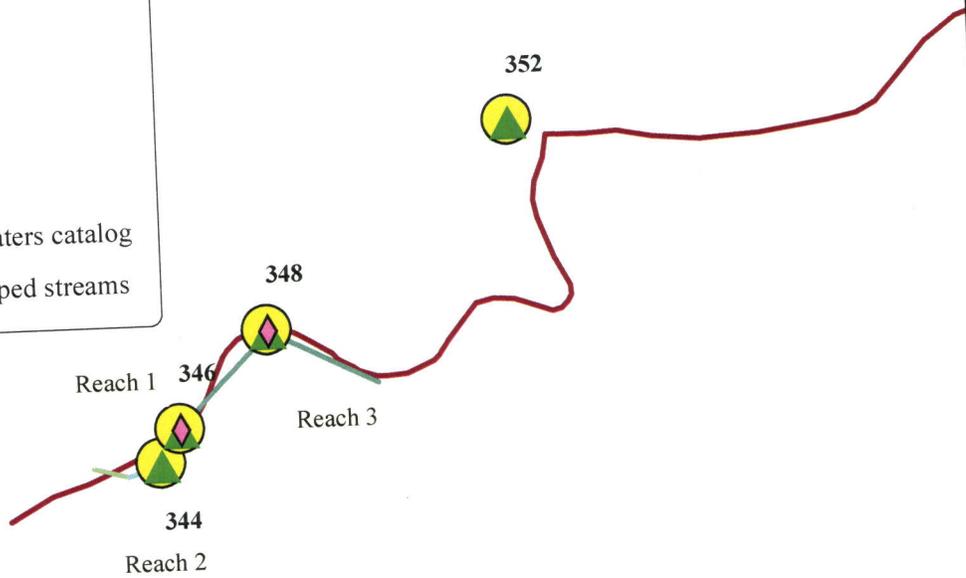
## Key to symbols

### Species

-  Dolly Varden
-  Cutthroat trout
-  Rainbow trout
-  Coho salmon

### Other features

-  Beaver dam
-  Waterfall
-  Anadromous waters catalog
-  Previously mapped streams



**ADF&G permit no. SF2014-154**

Summary report of fish collection activity.

**The area biologist was contacted on: 6/9/14 at 10:35 a.m.**

Location ID (optional)	Latitude	Longitude	Datum	Coordinate determination method	Name of water body	Date	Observer name (first name, middle initial, last name)		Fish collection method	Species	Life stage	Length (mm) estimates/ranges	Disposition (1)
344	55.15191	-132.88132	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	63	measured and released	
344	55.15191	-132.88132	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	185	measured and released	
344	55.15191	-132.88132	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	sculpin-unspecified	juvenile	65	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	162	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	240	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	50	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	82	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	81	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	51	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	240	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	115	measured and released	
346	55.15224	-132.88097	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	Dolly Varden	juvenile	96	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	82	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	73	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	70	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	190	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	170	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	192	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	200	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	115	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	160	measured and released	
348	55.15317	-132.87938	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	60	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	coho salmon	juvenile	85	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	270	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	220	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	162	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	170	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	131	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	195	measured and released	
352	55.15513	-132.87502	WGS84	GPS	Klekass Nephew	7/31/2014	Tony Sanderson	Minnow Trap	cutthroat trout	juvenile	215	measured and released	

add coho salmon rearing to 103-40-10420

COR-2

Pp

COR-3

COR-4

1 - COR

COp,Pp

