



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

Nomination Form  
Anadromous Waters Catalog

M E

Region Southwest USGS Quad(s) Afognak B-1 A-1

Anadromous Waters Catalog Number of Waterway 252-31-10007

Name of Waterway Unnamed Stream Izuht Bay  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>130169</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/29/13</u> Date
Revision Year: <u>2014</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/29/13</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>9/4/13</u> Date
Revision Code: <u>C-9, A-1, B-6, B-1, E-9</u>	<u>[Signature]</u> Cartographer	<u>12/6/13</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	8/20/2013			X	<input checked="" type="checkbox"/>
Pink Salmon	8/20/2013	X			<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<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** Raise hydrography, reposition ptr as needed

During an joint AKSSF and ANC stream survey, I observed adult pink salmon and anadromous Dolly Varden were captured below the barrier (Figures 1 and 2). See the August 20-21, 2013 trip report.

extended stream w/ coho salmon rearing  
add pink salmon spawning and dolly varden present

ALASKA DEPT. OF FISH & GAME  
AUG 29 2013

barrier

Name of Observer (please print): Will Frost, Habitat Biologist

Signature: [Signature] Date: 8/21/2013

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road  
Anchorage, AK 99518

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 05/08

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

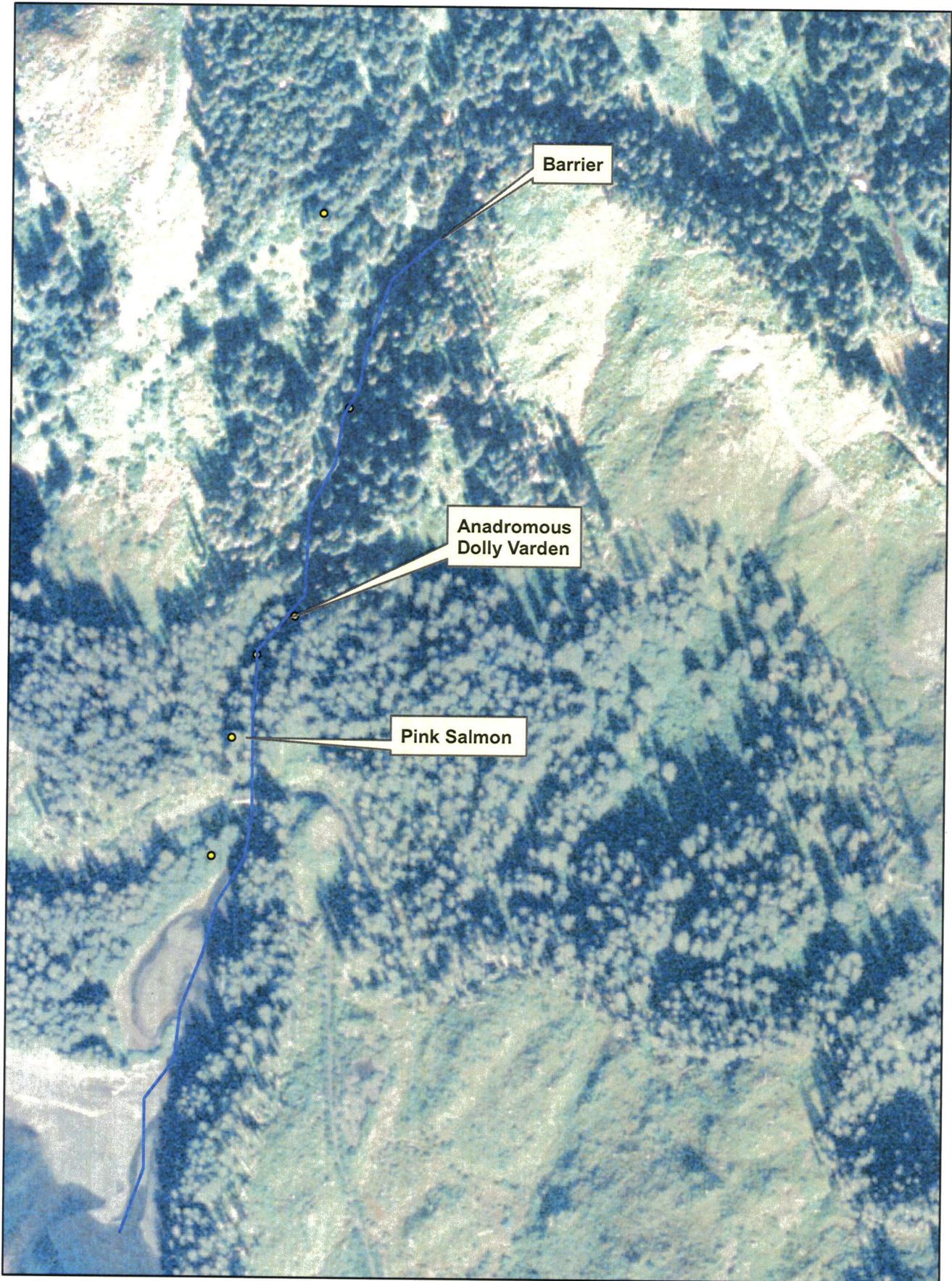
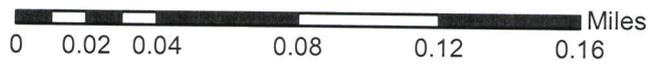


Figure 1



ADF&G

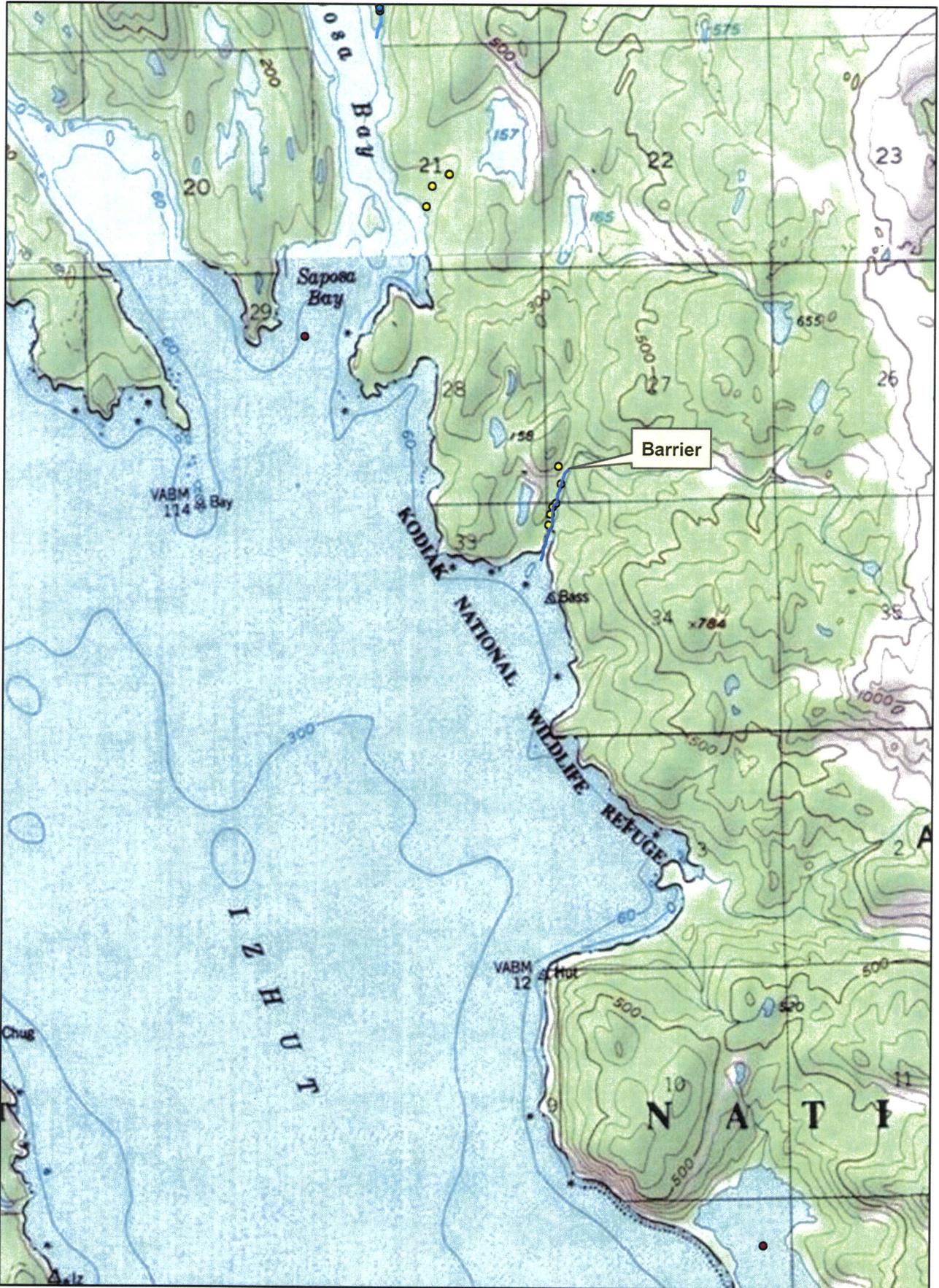


Figure 2



ADF&G

# MEMORANDUM

State of Alaska

Department of Fish and Game  
Division of Habitat

TO: Michael Daigneault  
Central Region  
Regional Supervisor

DATE: August 29, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*  
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island  
August 2013

On August 19 to 21, 2013, I joined Keith Coulter, Koncor, Greg Harris, Afognak Native Corporation (ANC), and Ryan Snow, Alaska Department of Fish and Game (ADF&G) on Afognak Island for the purpose of sampling waters in the area of proposed harvest activities to document the presence of anadromous fish. The information gathered will be used to submit official nominations for inclusion in the Anadromous Waters Catalog and its companion Atlas. Inclusion in the Anadromous Waters Catalog will conserve salmon habitat by providing the 66-foot riparian retention area protection required under the Forest Resources and Practices Act (FRPA). A water body listed in the Anadromous Waters Catalog is also afforded additional protection under State law at AS 16.05.871. The weather conditions were cloudy and cool. Because of a flight delay leaving Anchorage, no sampling was conducted August 19.

On the morning of August 20, Mr. Harris, Mr. Snow and I drove the 210 Road to Stream No. 252-31-10007 (Figure 1). Timber on lands managed by Koniag Native Corporation will be harvested in the future and Mr. Harris requested the ADF&G confirm the presence of a barrier to fish passage below the proposed timber units. We observed about 10 adult pink salmon in the lower reach of the stream. We used an electrofisher to sample about 2,500 linear feet of the stream. We captured three juvenile coho salmon (85-95 mm fork length (FL)) (Figure 2). We captured 2 Dolly Varden about 255 mm FL (Figure 3). The Dolly Varden were likely anadromous. We located a 25-foot high barrier about 3,000 linear feet above Izhut Bay (Figure 4). The pink salmon and anadromous Dolly Varden will be nominated for update to the Anadromous Waters Catalog.

We drove the 210 Road to an unnamed stream that flows into Sapos Bay. Timber on lands managed by Koniag Native Corporation will be harvested in the future and Mr. Harris requested the ADF&G confirm the presence of a barrier to fish passage exists below the proposed timber units. We walked to the bay and observed 2 adult pink salmon in the stream about 150 linear feet above the bay. We continued upstream about 1,000 linear feet and observed about 25 Dolly Varden with an estimated length of 200-300 mm fork length (FL)). The Dolly Varden were likely anadromous. Directly upstream of the Dolly Varden was a 7-foot high barrier (Figure 5). The unnamed stream will be nominated to the Anadromous Waters Catalog for pink salmon and anadromous Dolly Varden.

On the morning of August 21, we drove the 520 Road to Unit N-29. The unit is located on land managed by Koncor. We sampled an unnamed stream and tributary to the stream that flows into Izhut Bay (Figure 6). We observed about 8 adult pink salmon 300 linear feet above the stream mouth. We continued up the unnamed tributary about 1,500 linear feet. We captured about 35 juvenile coho salmon (45-75 mm FL) (Figure 7). We ended the survey when we entered a previously harvested unit that may have been over 25 years old. No riparian retention area was present (Figure 8).

We walked back to the unnamed stream and sampled about 1,700 linear feet to a 25-foot high barrier (Figure 9). We observed 2 adult pink salmon and captured 20 juvenile coho salmon (55-65 mm FL). We captured 45 Dolly Varden (45-115 mm FL). The unnamed stream and tributary stream will be nominated to the Anadromous Waters Catalog for pink salmon and coho salmon.

The ADF&G is currently planning on returning to Afognak for a sampling effort in September 2013.

cc: S. Schrof, ADF&G  
L. Van Dale, ADF&G  
N. Svoboda, ADF&G  
D. Tracy, ADF&G  
T. Polum, ADF&G  
A. Ott, ADF&G  
C. Curtis, ADF&G  
K. Hanley, ADEC  
J. Winters, ADOF  
B. Cassidy, KIB  
B. Scholze, KIB  
K. Coulter, Koncor  
G. Harris, ANC



Figure 1. Stream No 252-31-10007. View looking downstream.



Figure 2. Juvenile coho salmon captured in Stream No 252-31-10007.

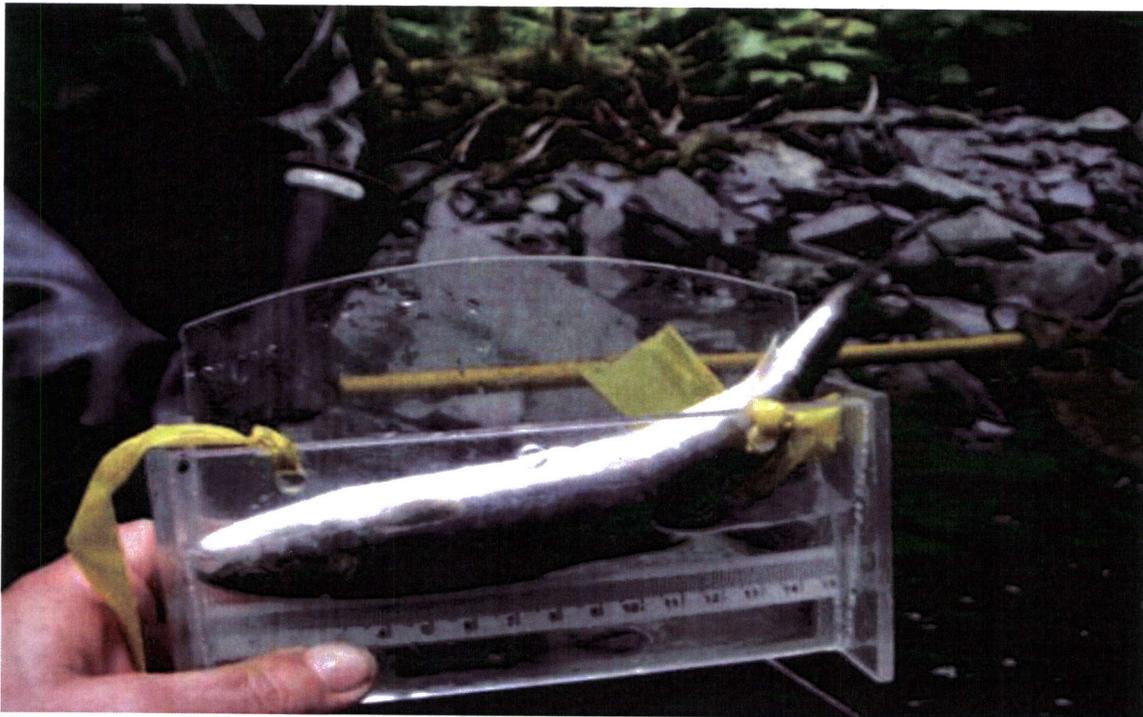


Figure 3. Anadromous Dolly Varden captured in Stream No 252-31-10007.



Figure 4. Barrier in Stream No 252-31-10007. View looking upstream.



Figure 5. Barrier in unnamed stream, Sapos Bay.



Figure 6. Unnamed streams, Izhut Bay. Main stream to left and tributary to right.



Figure 7. Coho salmon captured in unnamed tributary stream, Izhut Bay.



Figure 8. Old harvest unit adjacent to unnamed tributary stream, Izhut Bay.



Figure 9. Will Frost, Habitat Biologist below barrier in unnamed stream, Izhut Bay.

revise hydrography for 252-31-10007  
reposition pts, extend stream w/coho salmon rearing  
add pink salmon spawning & Dolly Varden present

