



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

Nomination Form  
Anadromous Waters Catalog

8

Region Southwest USGS Quad(s) Kodiak C-2  
 Anadromous Waters Catalog Number of Waterway 259-25-10010-2253-3101  
 Name of Waterway Unnamed Tributary Roslyn Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>140303</u>	_____	_____
Revision Year: <u>2015</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	_____	_____
Both _____	Habitat Operations Manager	Date
Revision Code: <u>F-1</u>	<u>9/1</u>	<u>9/2/14</u>
	AWC Project Biologist	Date
	_____	_____
	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (4)	8/21/2014		X		<input checked="" type="checkbox"/>
					<input 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

During joint AKSSF and A-1 Timber Consultant sampling, we captured juvenile coho salmon in an unnamed tributary of Roslyn Creek (Figure 1, IDENT 290). See the August 21-22, 2014 trip report.

*ref num # 14-302*

Name of Observer (please print): Will Frost, Habitat Biologist  
 Signature: [Signature] Date: 8/26/2014  
 Agency: ADF&G, Division of Habitat  
 Address: 333 Raspberry Road  
Anchorage, AK 99518

ALASKA DEPT. OF  
FISH & GAME

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. **AUG 27 2014**

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_ Revision 05/08  
 Name of Area Biologist (please print): \_\_\_\_\_

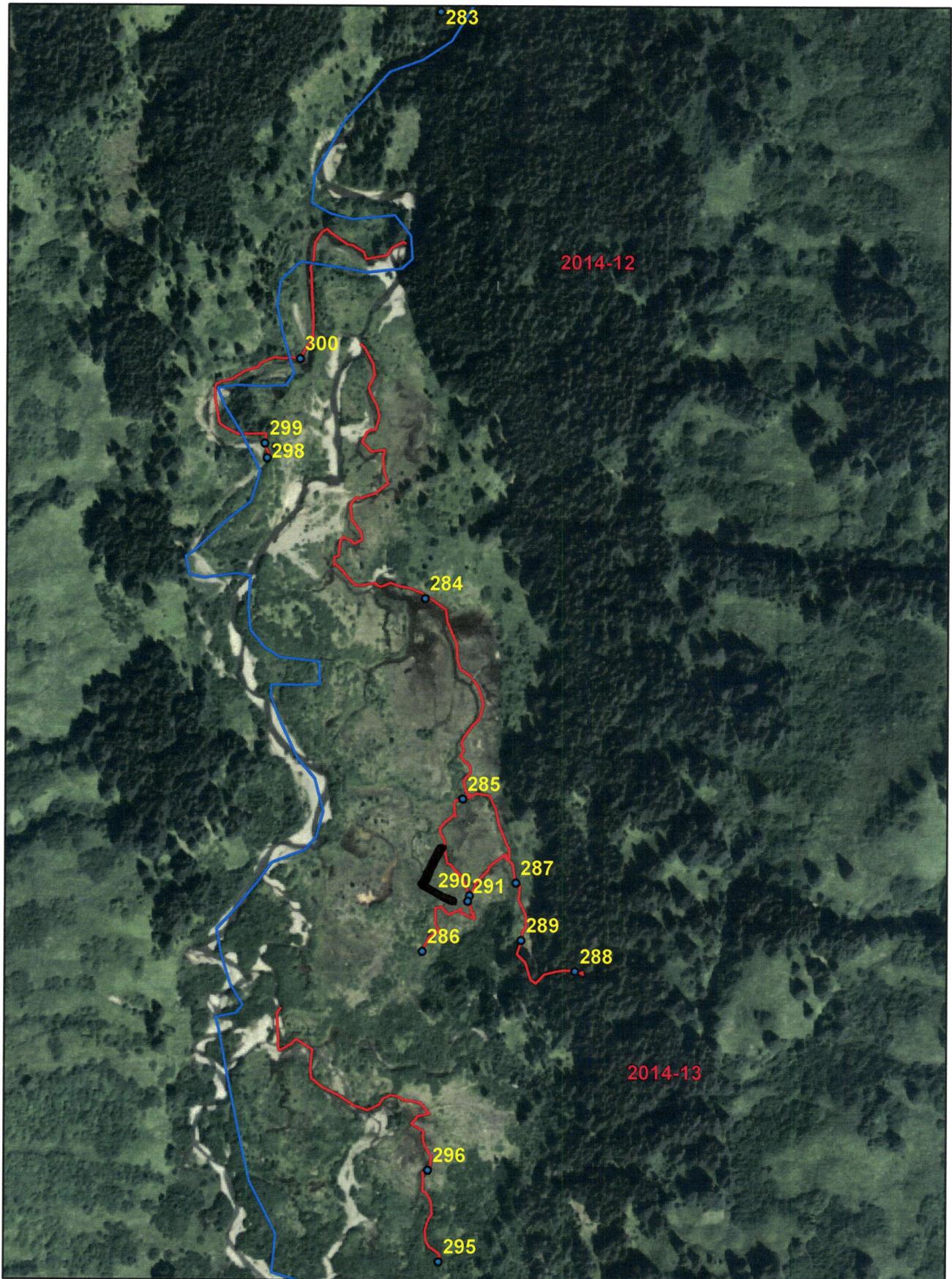


Figure 1

0 45 90 180 270 360 Meters

ADF&G

# MEMORANDUM

State of Alaska

Department of Fish and Game  
Division of Habitat

TO: Michael Daigneault  
Central Region  
Regional Supervisor

DATE: August 26, 2014

PHONE NO: 267-2813

FROM: Will Frost *WF*  
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island  
August 2014

On August 20 and 21, 2014, I joined David Nesheim, A-1 Timber Consultants (A-1) and Sarah Wilber, Alaska Department of Fish and Game on Kodiak 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 clear and warm.

On the morning of August 20, we flew with Maritime Helicopters of Kodiak to a series of unnamed tributaries in the upper drainage of Roslyn Creek (Stream No. 259-25-10010) on Kodiak Island (Figure 1). The streams are on land managed by Leisnoi Inc (Leisnoi). We used a helicopter to access the stream because the nearest road to the streams is about 6 kilometers away over uneven terrain.

We walked about 530 meters downstream from the landing zone to a 4.5 foot falls (Figures 2 and 3). The falls are not a barrier to adult coho salmon but may be a barrier to adult pink salmon. Roslyn Creek is a specified waterbody for coho salmon above the barrier, but not for pink salmon. I discussed with Mr. Nesheim the creation of step pools using mechanical means to aid fish passage may be a project Leisnoi would consider.

We walked upstream to an unnamed tributary to Roslyn Creek and used an electrofisher to sample 853 meters of the tributary. The stream is adjacent to Unit 2014-13. We ended our sampling at the stream's headwater (Figure 4). We captured 8 juvenile coho salmon (50-80 mm fork length (FL)). The unnamed stream will be nominated to the Anadromous Waters Catalog.

We walked downstream to an unnamed tributary to the previously sampled stream. We walked upstream 100 meters to a point where the stream flow became subsurface. The subsurface portion of the stream was about 40 meters long. We captured two juvenile coho salmon (55 and 80 mm FL) downstream of the subsurface flow. We sampled an additional 80 meters of surface flow above the subsurface flow ending at a barrier. No fish were captured or observed above the subsurface flow. No riparian retention area will be required above the subsurface flow. The unnamed stream below the subsurface flow will be nominated to the Anadromous Waters Catalog.

We walked downstream and located an unnamed tributary to the previously sampled stream. We sampled 63 meters of the stream ending our sample effort at a spring. We captured 4 juvenile coho salmon (50-60 mm FL). The unnamed stream will be nominated to the Anadromous Waters Catalog.

We walked up about 1,200 meters of Roslyn Creek to Unit 2014-14. We sampled an unnamed tributary to Roslyn Creek. We sampled 244 meters of the stream ending where the stream gradient became a barrier. We captured 25 Dolly Varden. No length measurements were taken for the Dolly Varden. A-1 will provide a voluntary riparian retention area to this unnamed tributary below the barrier.

We returned to Roslyn Creek and walked downstream about 150 meters and located an unnamed tributary to Roslyn Creek. The stream is in Unit 2014-14. We sampled 120 meters of the stream ending at a 5-foot high barrier. We captured 2 juvenile coho salmon (60 and 65 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

We walked down Roslyn Creek and located an unnamed tributary adjacent to Unit 2014-13 (Figure 5). We sampled 417 meters of the stream ending at a spring. We captured 2 juvenile coho salmon (90 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

On the morning of August 21 we drove to Chiniak and walked up Stream No. 259-25-10010-2041. We located an unnamed tributary and sampled 435 meters of the stream ending our sample at a 3-foot high barrier. The stream is located in Unit 2013-14. We captured 10 Dolly Varden (40-90 mm FL) (Figure 6). A-1 will provide a voluntary riparian retention area to this unnamed tributary below the barrier.

We walked up Stream No. 259-25-10010-2041 about 65 meters and located an additional unnamed tributary and sampled 88 meters of the stream ending our sample at a 3-foot high barrier. The stream is located in Unit 2013-14. We captured 5 juvenile coho salmon (55-65 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Kodiak for a sampling effort in September 2014.



Figure 1. Landing zone in the upper drainage of Roslyn Creek.



Figure 2. Falls located in upper drainage of Roslyn Creek. View looking upstream.



Figure 3. Falls located in upper drainage of Roslyn Creek. View looking upstream.



Figure 4. Mr. Frost sampling stream adjacent to Unit 2014-13.



Figure 5. Mr. Frost and Mr. Nesheim locating stream adjacent to Unit 2014-13.

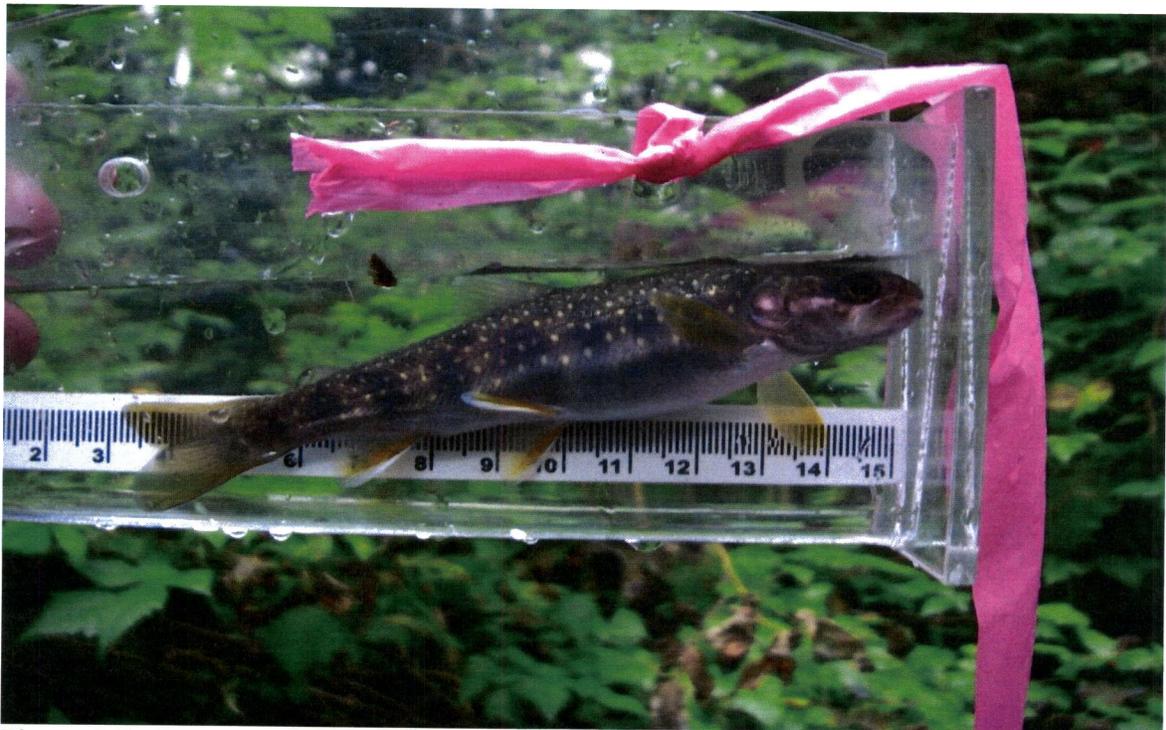


Figure 6. Dolly Varden captured in unnamed tributary to Stream No. 259-25-10010-2041.

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