



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

Nomination Form  
Anadromous Waters Catalog

Region Southwest USGS Quad(s) Kodiak C-1  
 Anadromous Waters Catalog Number of Waterway 259-25-10030  
 Name of Waterway Capelin Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>120312</u>	<u>W Frost</u> Fisheries Scientist Date <u>9/19/12</u>
Revision Year: <u>2013</u>	<u>Will Frost</u> Habitat Operations Manager Date <u>9/4/12</u>
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>JG</u> AWC Project Biologist Date <u>8/30/12</u>
Revision Code: <u>B-1</u>	<u>W Frost</u> Cartographer Date <u>10/4/12</u>

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (3)	8/9/2012		X		<input checked="" type="checkbox"/>
Dolly Varden	8/9/2012			X	<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

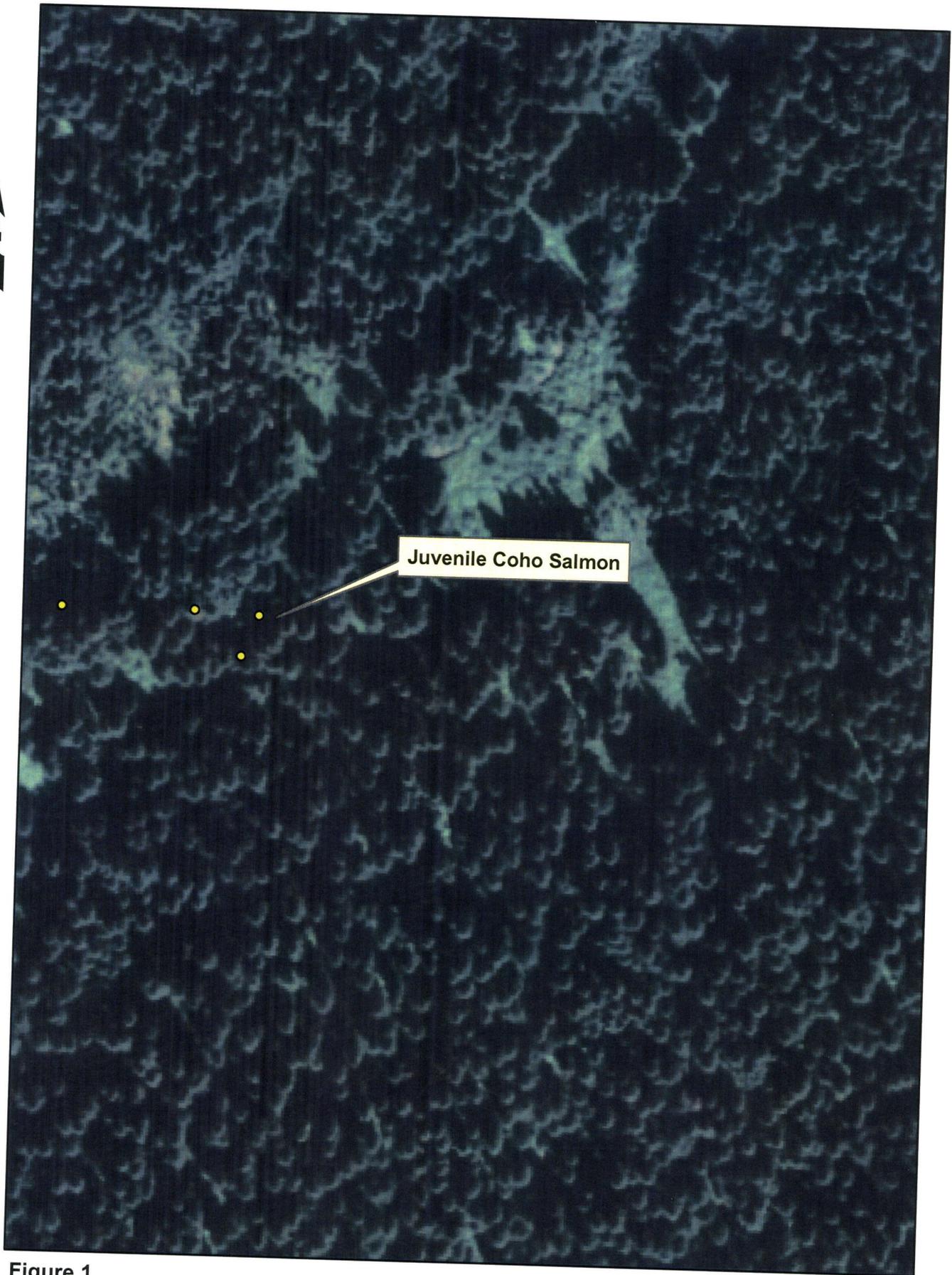
During joint A-1 Timber Consultant sampling, I used an electrofisher in Capelin Creek in the area of proposed timber harvest activities to document the presence of anadromous fish (Figures 1 and 2). See the August 9 to 10, 2012 Trip Report.

Add coho salmon rearing to stream

Name of Observer (please print): Will Frost, Habitat Biologist  
 Signature: [Signature] Date: 8/14/2012  
 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: \_\_\_\_\_  
 Name of Area Biologist (please print): \_\_\_\_\_ Revision 05/08



Juvenile Coho Salmon

Figure 1

0 50 100 200 300 400 Feet

ADF&G



Figure 2

0 0.05 0.1 0.2 0.3 0.4 Miles

ADF&G

# MEMORANDUM

State of Alaska

Department of Fish and Game

Division of Habitat

TO: Michael Daigneault  
Central Region  
Regional Supervisor

DATE: August 15, 2012

PHONE NO: 267-2813

FROM: Will Frost *WF*  
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island  
August 2012

On August 9 and 10, 2012, I joined David Nesheim, A-1 Timber Consultants (A-1), Karl Potts, Leisnoi Incorporated, and Lisa Fox, Alaska Department of Fish and Game (ADF&G) 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 cloudy and cool.

We walked to Capelin Creek (Stream No. 259-25-10030) from a logging road to sample an unnamed tributary located at Section 1, Township 30 South, Range 19 West, Seward Meridian. (Figure 1). A-1 is planning to harvest timber in Units 2012-36 and 2012-38 adjacent to the stream. We began sampling using an electrofisher in Capelin Creek then worked up the tributary. We captured 3 juvenile coho salmon in Capelin Creek (40 mm Fork Length (FL)), and 25 Dolly Varden (55 to 90 mm FL). We continued up the tributary about 1,300 linear feet. We captured 22 juvenile coho salmon (55 to 95 mm FL (Figure 2)). Juvenile coho salmon in Capelin Creek will be updated to the Anadromous Waters Catalog and the unnamed tributary will be nominated to the Anadromous Waters Catalog. We continued up the unnamed tributary and an additional tributary until we located the point where the stream gradient is a barrier to fish passage. The streams below the barriers will be required to have a riparian retention area during timber harvest.

We drove to the unnamed tributary of East Fork Twin Creek near harvest Unit 2012-37 that was sampled during the July 2012 sampling effort. The reach we sampled was located at Section 1, Township 30 South, Range 19 West, Seward Meridian. We walked into the creek and worked upstream about 1,000 linear feet (Figure 3). We captured 10 juvenile coho salmon (40 to 50 mm FL) and observed an additional 75 juvenile coho salmon. We captured 50 Dolly Varden (45 to 90 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

On the morning of August 10, 2012, Mr. Nesheim, Ms. Fox, and I walked into the upper reach of Capelin Creek. While walking into the creek we located six streams that will be crossed by a new road to access timber in the East Fork Twin Creek (Stream No. 259-25-10020-2001-3002) and Capelin Creek watersheds. I sampled the streams that had sufficient water and captured only Dolly Varden. No length measurements were taken for the Dolly Varden. We sampled Capelin Creek beginning above the specified portion of the stream at Section 12, Township 30 South, Range 19 West, Seward Meridian. We worked downstream about 5,000 linear feet. We captured over 100 Dolly Varden (25 to 145 mm FL (Figure 4)). No salmon were captured or observed. A-1 and the ADF&G are planning to walk Capelin Creek this fall to document adult fish use in the creek.

The ADF&G is currently planning on returning to Kodiak for a sampling effort on September 7 and 8, 2012.

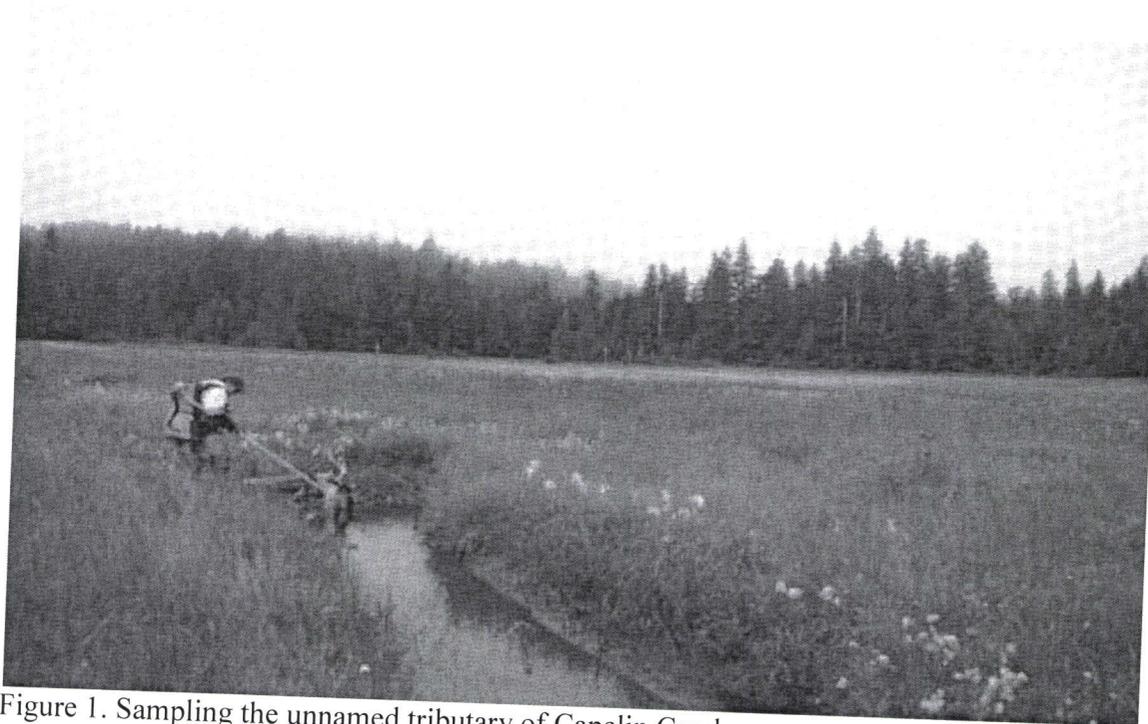


Figure 1. Sampling the unnamed tributary of Capelin Creek.

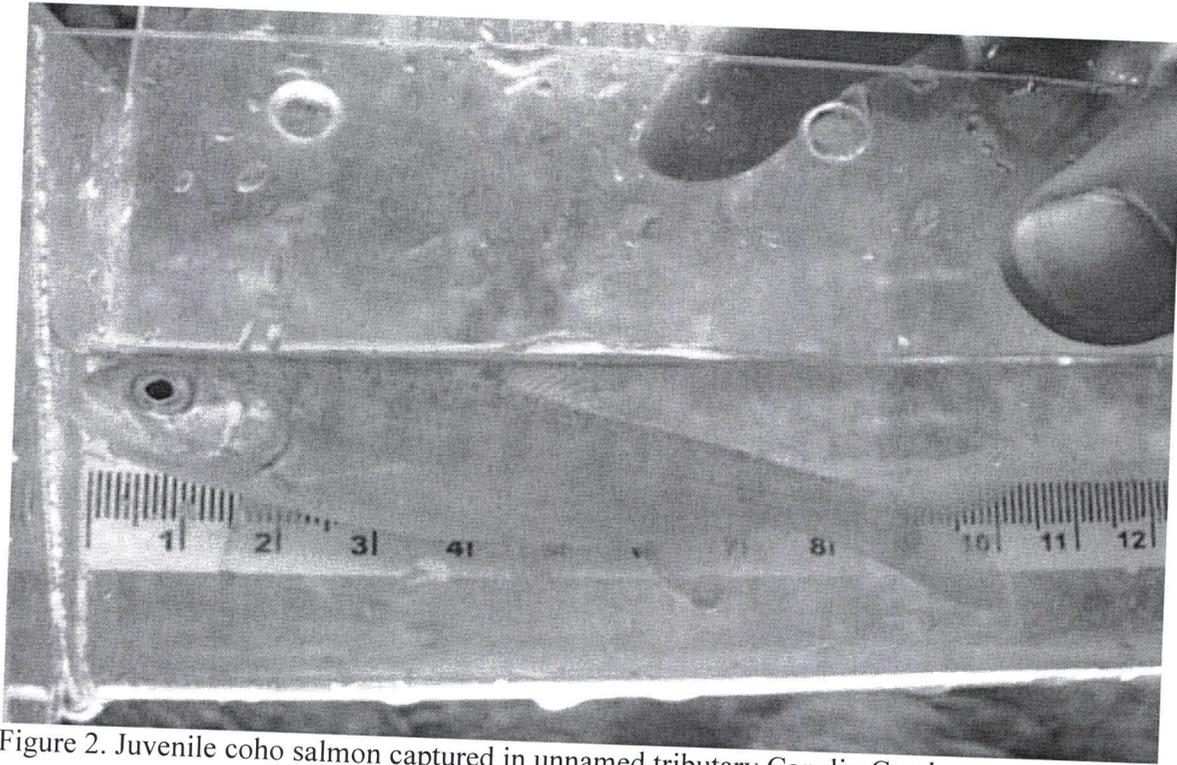


Figure 2. Juvenile coho salmon captured in unnamed tributary Capelin Creek.

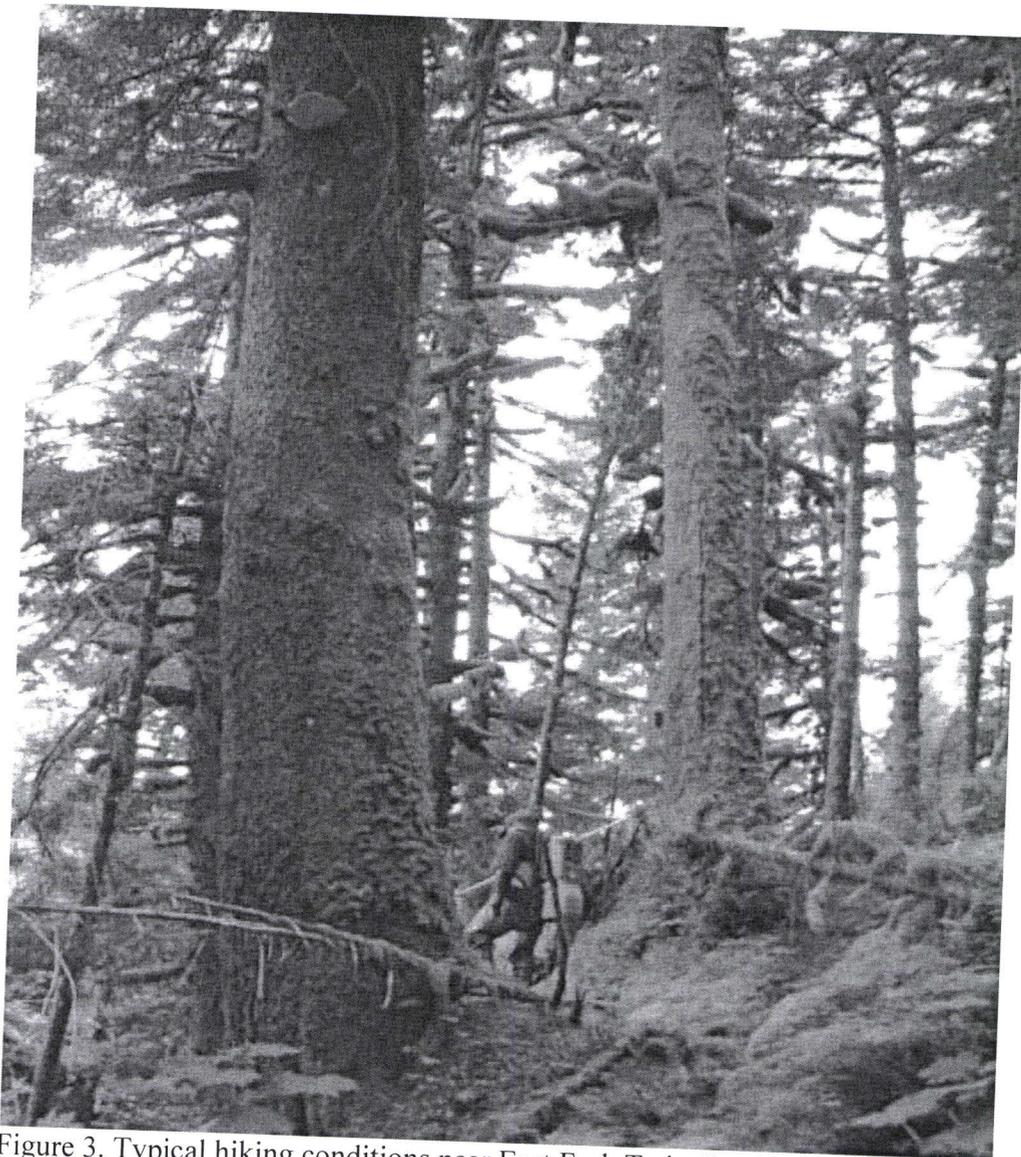


Figure 3. Typical hiking conditions near East Fork Twin Creek.

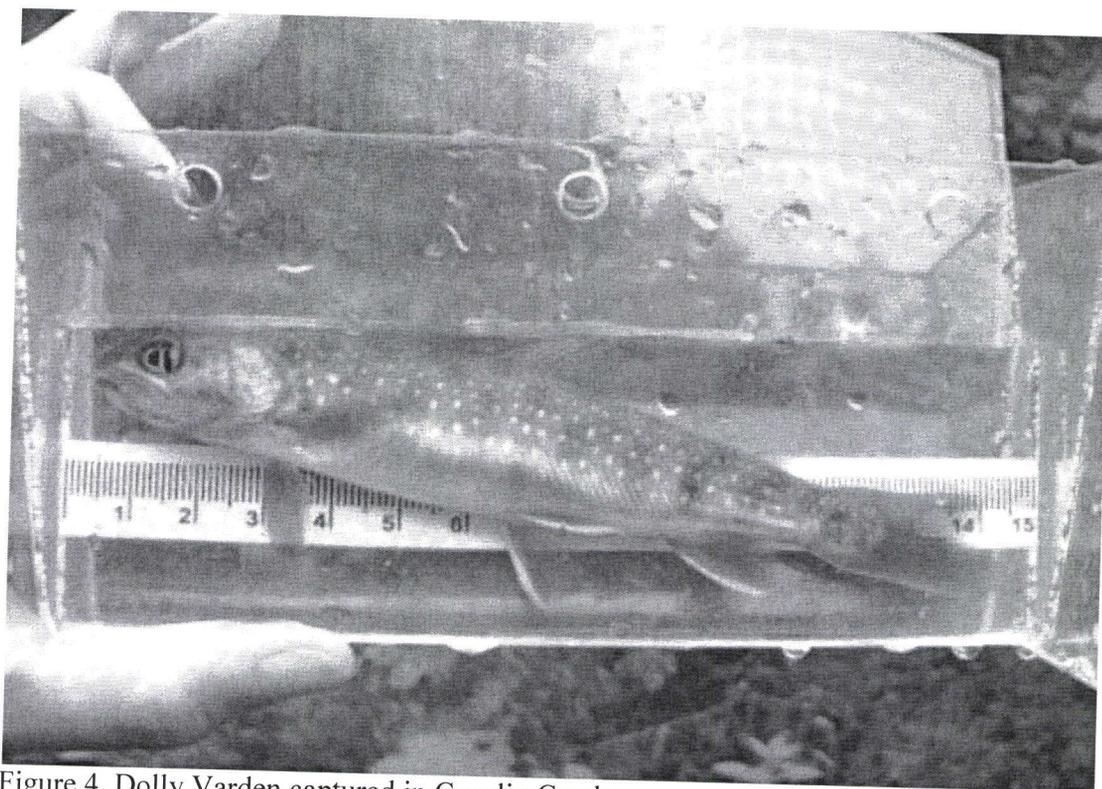


Figure 4. Dolly Varden captured in Capelin Creek.

- cc: S. Schrof, ADF&G  
L. Van Daele, ADF&G  
D. Tracy, ADF&G  
A. Ott, ADF&G  
C. Curtis, ADF&G  
K. Hanley, ADEC  
J. Winters, DOF  
B. Cassidy, KIB  
B. Scholze, KIB  
D. Nesheim, A-1  
T. Loushin, A-1  
V. Veeh, Leisnoi Inc.  
D. Lukin, Leisnoi Inc.  
K. Potts, Leisnoi Inc.

COR

5

add coho salmon rearing to 259-25-10030

3 - COR

COR

2 - COR

2 - COR

5 - COR

10 - COR

5 - COR

