



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 259-25-10020-2001-3002-4021  
 Name of Waterway Hobbit Hell Tributary East Fork Twin Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>120259</u>	<u>[Signature]</u> Fisheries Scientist	<u>9/4/12</u> Date
Revision Year: <u>2013</u>	<u>[Signature]</u> Habitat Operations Manager	<u>9/4/12</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>6/14/12</u> Date
Revision Code: <u>A-2d</u>	<u>[Signature]</u> Cartographer	<u>10/4/12</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink Salmon Bones	7/13/2012			X	<input checked="" type="checkbox"/>
Coho Salmon (2)	7/13/2012		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**

During joint A-1 Timber Consultant sampling, I observed multiple sets of pink salmon bones on the streambanks from 2011. I used an electrofisher to sample the stream. Two juvenile coho salmon were captured. See the July 13, 2012 Trip Report.

*Add new stream w/ coho salmon rearing*

Name of Observer (please print): Will Frost, Habitat Biologist  
 Signature: [Signature] Date: 7/16/2012  
 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: \_\_\_\_\_ Revision 05/08  
 Name of Area Biologist (please print): \_\_\_\_\_

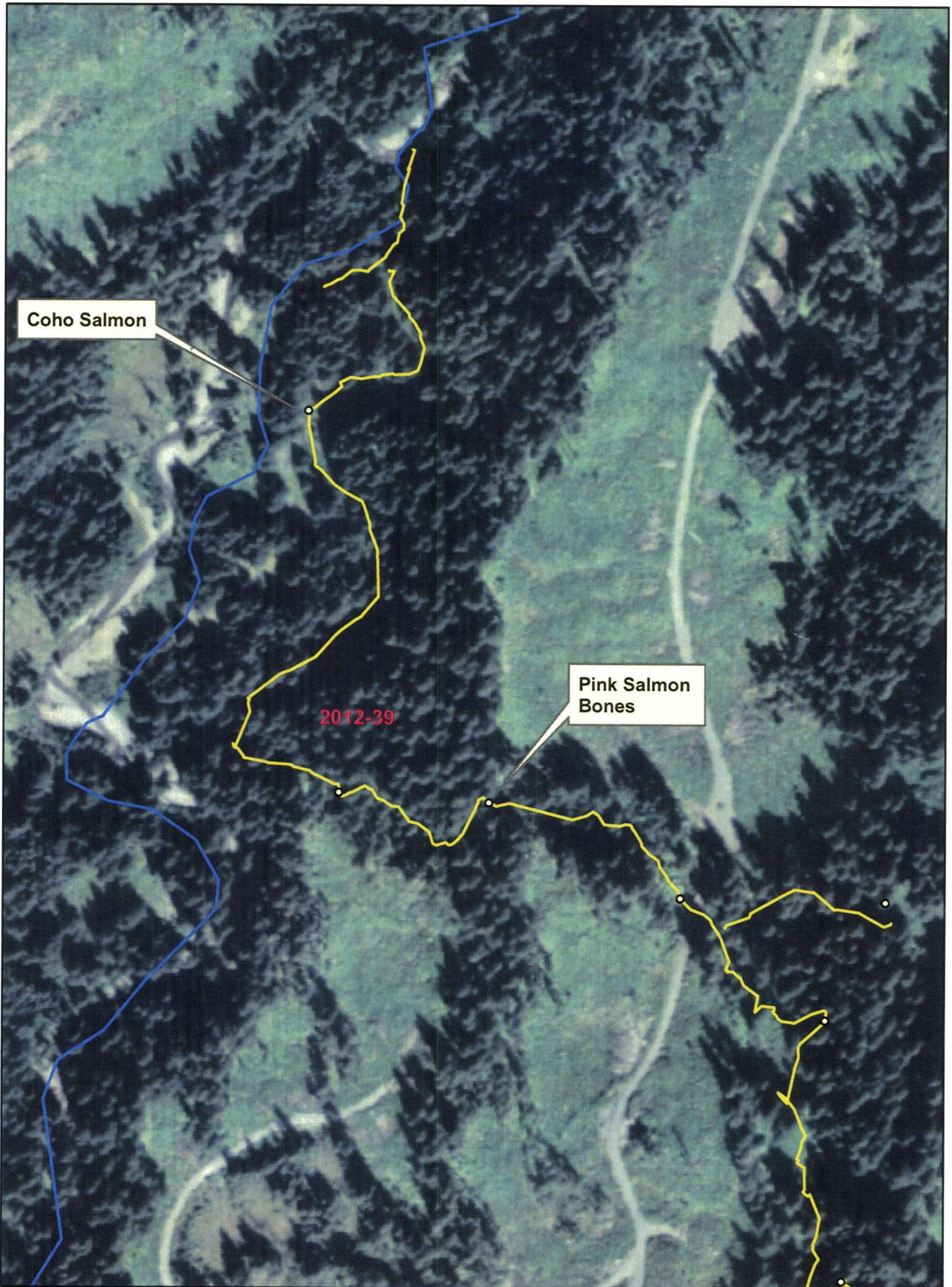


Figure 1



ADF&G

# MEMORANDUM

State of Alaska

Department of Fish and Game  
Division of Habitat

TO: Michael Daigneault  
Central Region  
Regional Supervisor

DATE: July 23, 2012

PHONE NO: 267-2813

FROM: Will Frost  
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island  
July 2012

On July 13, 2012, I joined David Nesheim, A-1 Timber Consultants (A-1), and Jim Bales and Tyler Polum, 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. Sampling scheduled for July 12, 2012 was cancelled because high winds and fog delayed Mr. Bales and I from departing Afognak Island until 12:00 p.m., on July 12.

On July 13, 2012, we walked into Capelin Creek (Stream No. 259-25-10030). We located the barrier that was identified during the June survey (Figures 1 and 2). Capelin Creek is a specified waterbody above the barrier. Mr. Polum has conducted adult salmon escapement surveys in the Chiniak area on an annual basis. Mr. Polum stated the barrier has the same geologic characteristics as other barriers on streams in the Chiniak area. Mr. Polum stated that during high stream flows, adult salmon pass the barriers with no difficulty. Mr. Nesheim did not dispute that adult salmon may pass the barrier. Mr. Nesheim stated that it would be helpful to the land owner to have additional evidence of salmon above the barrier, such as adult and juvenile salmon observed above the barrier. Because timber harvest above the barrier is not scheduled for this year, additional surveys will take place in Capelin Creek at a future date. At this time, no changes will be made to the Anadromous Waters Catalog.

Mr. Nesheim, Mr. Bales, and I drove to the East Fork Twin Creek (Stream No. 259-25-10020-2001-3002). We sampled "Hobbit Hell Creek" located at Section 2, Township 30 South, Range 19 West, Seward Meridian. The stream is located near the proposed harvest Unit 2012-39. We began sampling at the confluence with East Fork Twin Creek (Figure 3). We worked upstream about 5,000 linear feet through heavy blow down and devils club brush (Figure 4). We ended sampling when we located a 3-foot barrier. The geomorphology of the upper reach of the creek does not contain spawning habitat. Sampling captured 2 juvenile coho salmon (70 and 80 mm

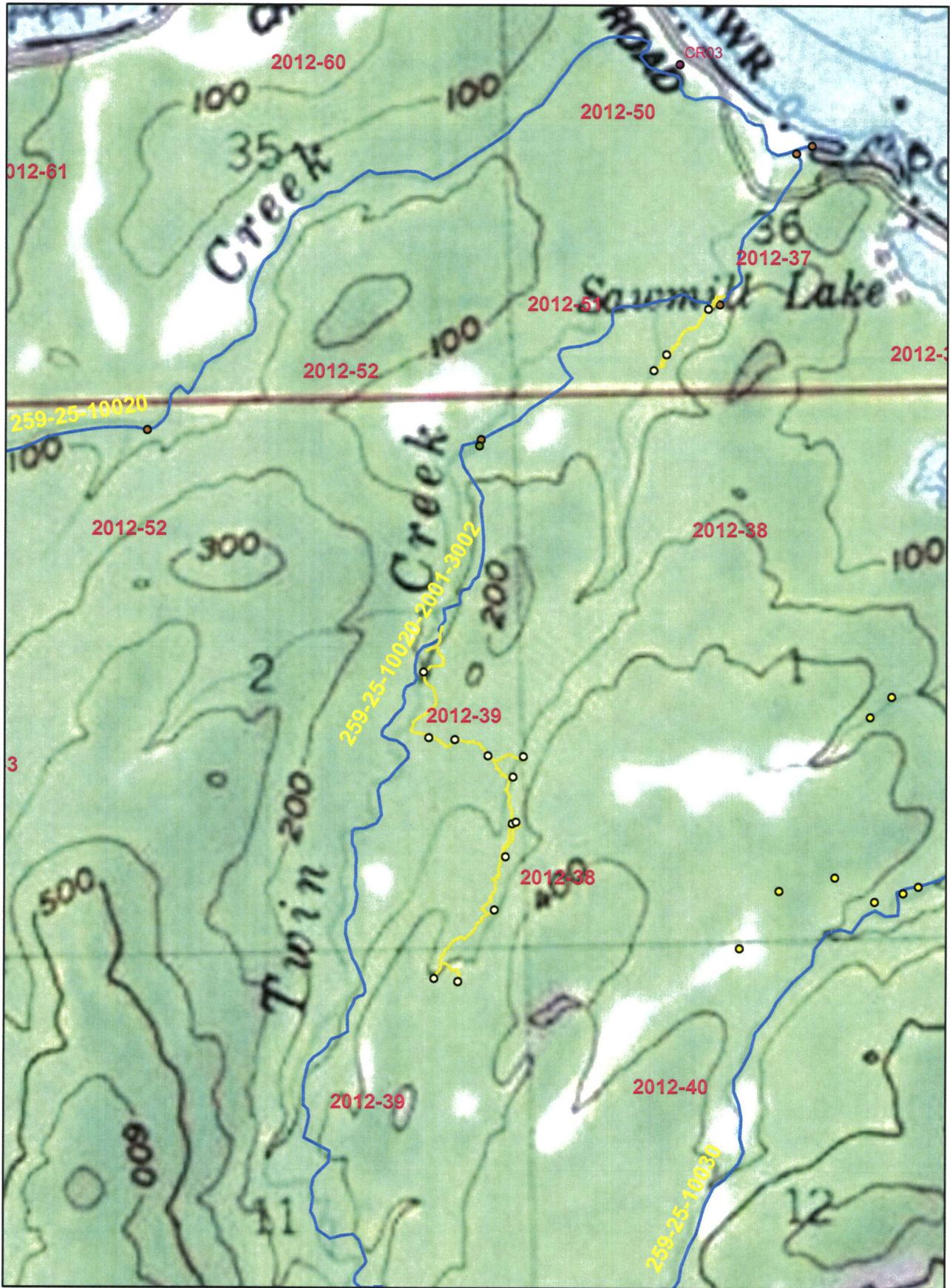


Figure 2



ADF&G

fork length (FL)) and 75 Dolly Varden. No length measurements were taken for the Dolly Varden. Pink salmon bones were located on the stream banks. The bones were from 2011. We identified six tributaries to the unnamed stream. We located barriers on each tributary. No sampling was conducted on the tributaries. Because of the poor fish habitat, no sampling will be conducted on the tributaries. Hobbit Hell Creek will be nominated to the Anadromous Waters Catalog.

We drove to an unnamed tributary of East Fork Twin Creek near harvest Unit 2012-37. We sampled about 1,000 linear feet of the stream (Figure 5). We captured 3 juvenile coho salmon (25 to 70 mm FL (Figure 6)). Because of a time constraint, we ended sampling for the day. The stream survey will be completed in August.

The ADF&G is currently planning on returning to Kodiak for a sampling effort on August 9 and 10, 2012.

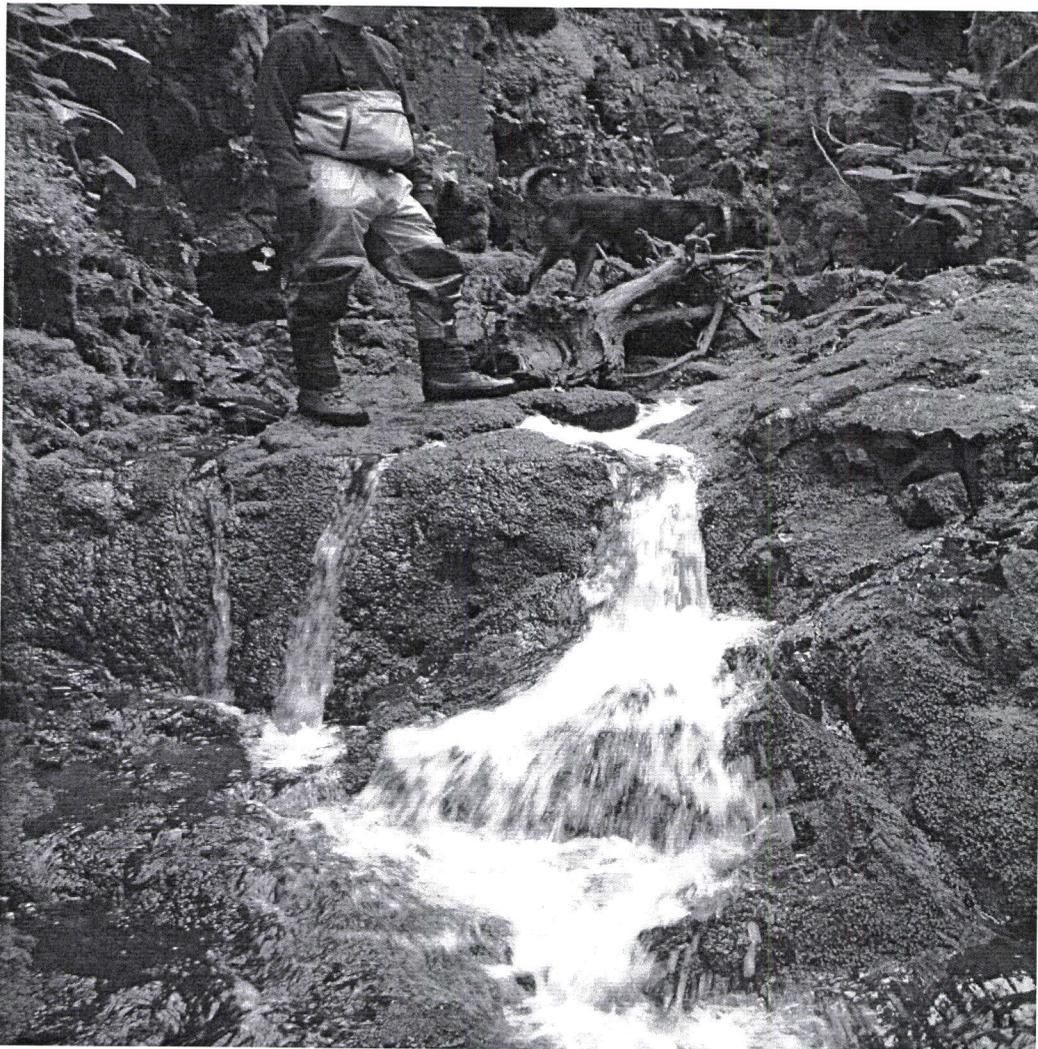


Figure 1. View upstream. Left side of barrier on Capelin Creek



Figure 2. View upstream. Right side of barrier on Capelin Creek.



Figure 3. Sampling lower reach of Hobbit Hell Creek.



Figure 4. Blow down and devil's club shrubs on Hobbit Hell Creek.



Figure 5. Sampling unnamed tributary East Fork Twin Creek.

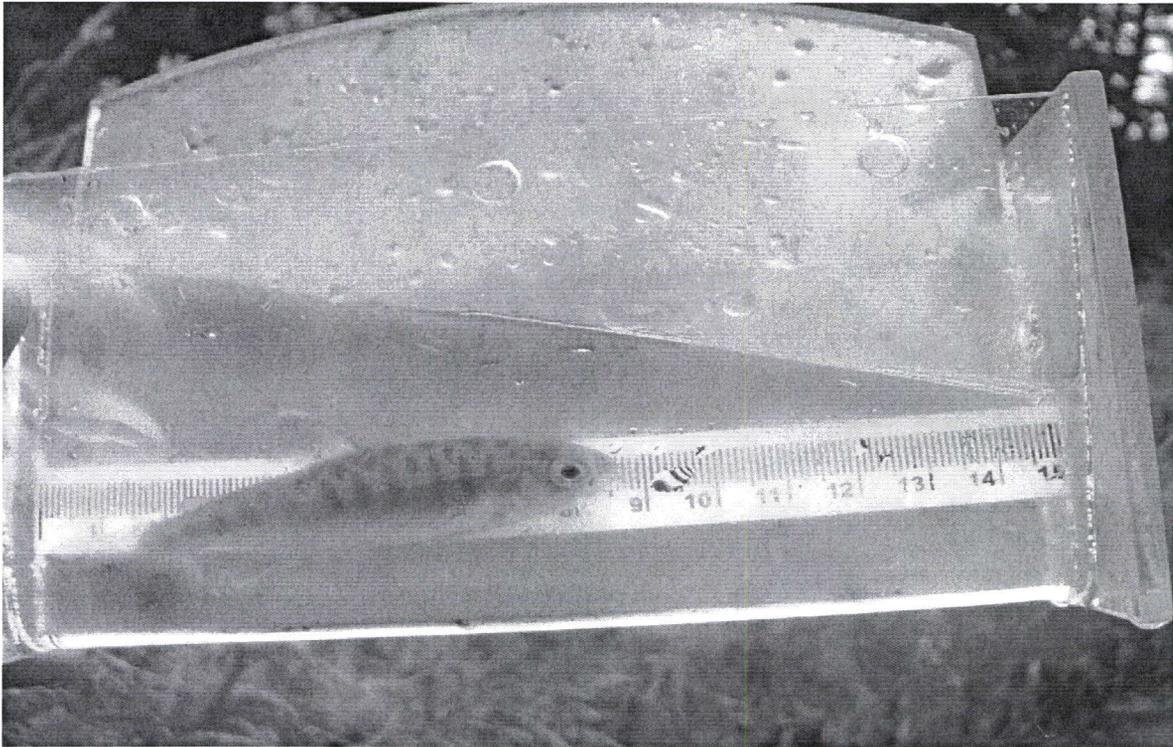
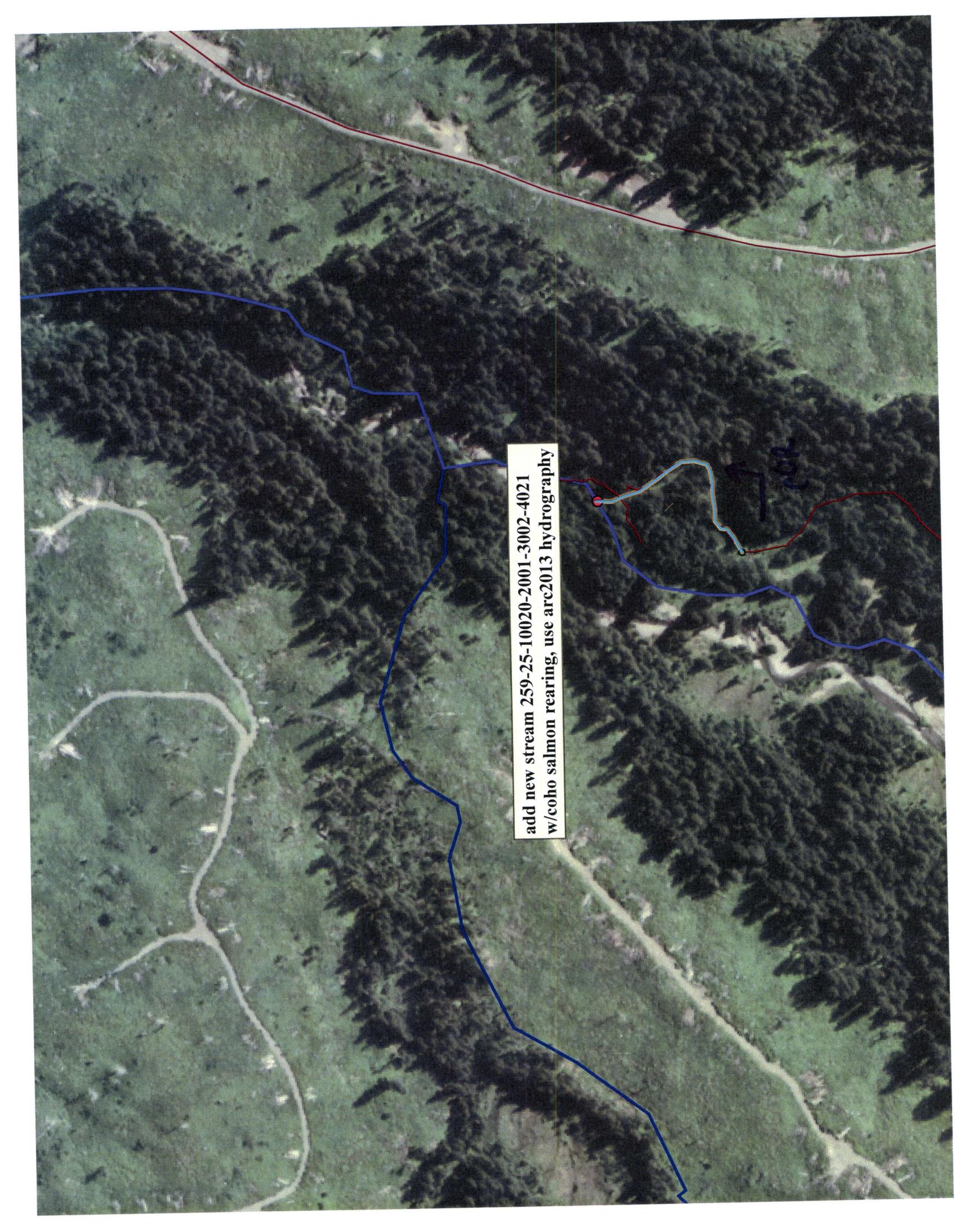


Figure 6. Juvenile coho salmon. Unnamed tributary East Fork Twin Creek.

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.



add new stream 259-25-10020-2001-3002-4021  
w/coho salmon rearing, use arc2013 hydrography