

AWC DATABASE CATALOG/ATLAS
CORRECTION FORM

CORRECTION TO: Atlas X Catalog X

Region: SWT

Map: Afognak A-2 NE

Water Body Number: 252-32-10010-2039

Describe Change(s): revise stream hydrography between 2039-0010 & -0020

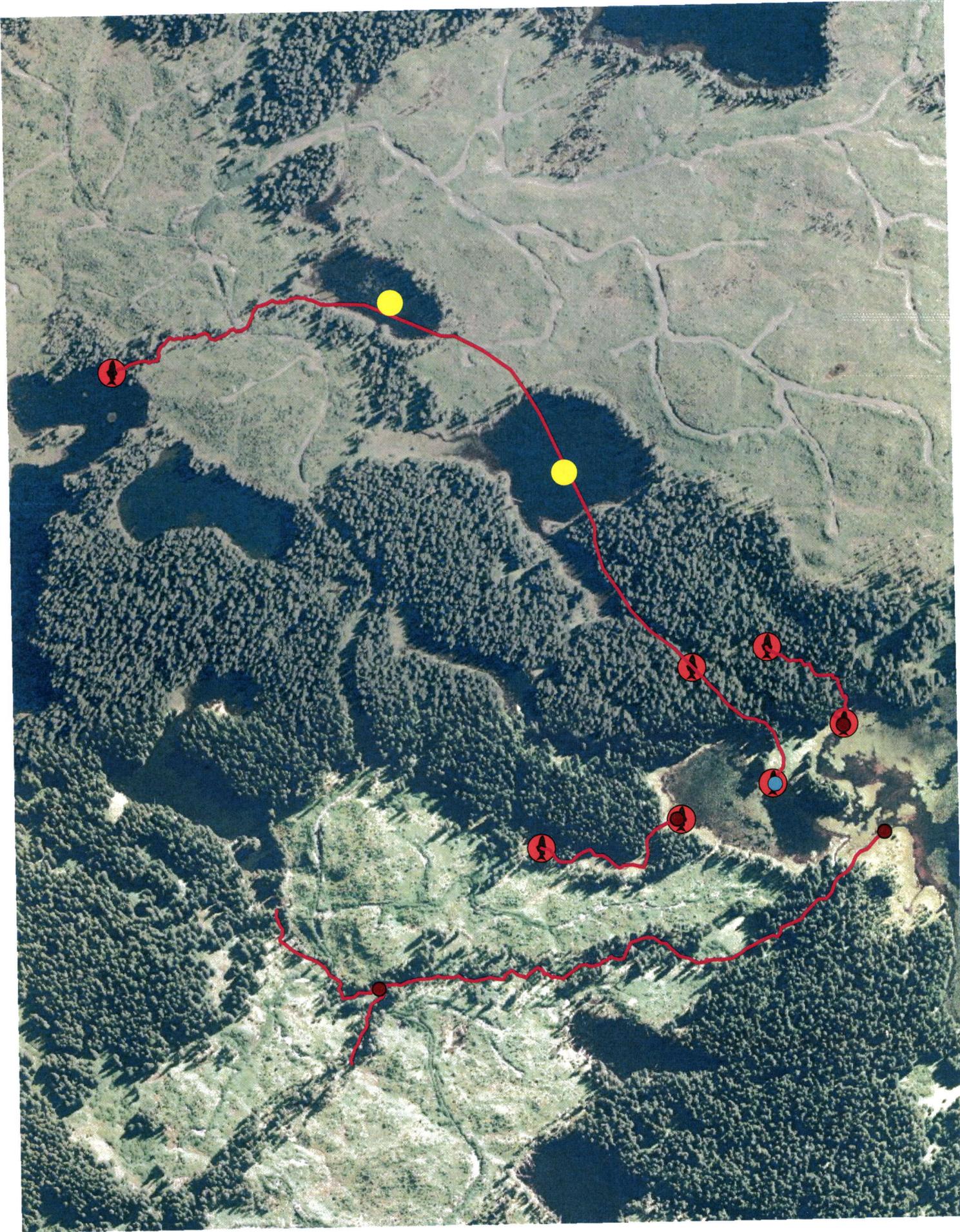
Change Requested By: Johnson 3/9/2015
Date

Drafted/Digitized By:  3/23/15
Date

Revision Code: C-9

Nomination Number: 14-237

****ATTACH THIS FORM TO EXISTING NOMINATION FORM****



Johnson, J D (DFG)

From: Frost, William D (DFG)
Sent: Friday, March 06, 2015 11:40 AM
To: Johnson, J D (DFG)
Subject: RE: AWC Nomination Submission Outcome

Hello J,

Nomination #14-237. The hydrography between Lakes 252-32-10010-2039-0010 and 252-32-10010-2039-0020 is in the wrong location. I had some data points between the lakes where the stream should be located.

The rest of mine look good.

William D. Frost, Habitat Biologist
Alaska Department of Fish and Game
Division of Habitat
333 Raspberry Road
Anchorage, AK 99518
(907) 267-2813



From: j.johnson@alaska.gov [mailto:j.johnson@alaska.gov]
Sent: Thursday, February 19, 2015 11:50 AM
To: Frost, William D (DFG)
Cc: Johnson, J D (DFG)
Subject: AWC Nomination Submission Outcome

The department inadvertently did not fully and timely distribute the initial public notice regarding the proposed changes and a supplemental public notice has been issued. As a result, the public comment period has been extended to March 20, 2015 in order to give interested persons an adequate opportunity to submit comments. Contact J. Johnson @ j.johnson@alaska.gov if you have any questions.

Public review of updated Atlas maps began February 2nd and will now end March 20th, 2015. Here are the results of your current nomination submission(s) to the AWC. You can click on the nomination number to see the current status of the nomination along with a scanned PDF of the nomination (when available). You can also click on the AWC number to see all past or current nomination forms for that AWC water body including tributary streams. Have any comments or suggested revisions to [J Johnson](mailto:j.johnson@alaska.gov) at 267-2337 no later than March 20th, 2015. Draft AWC Atlas maps can be viewed through the ADF&G website below:

<http://awc.adfg.alaska.gov>

Nominations for William Frost (william.frost@alaska.gov)



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

Nomination Form
Anadromous Waters Catalog

NE

Region Southwest USGS Quad(s) Afognak A-2
 Anadromous Waters Catalog Number of Waterway 252-32-10010-2021 2039
 Name of Waterway Unnamed tributary Little Afognak Lake USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>140237</u>	<u>James J. Hadronach</u>	<u>9/3/2014</u>
Revision Year:	<u>2015</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>Will Frost</u>	<u>9/3/14</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-Z, C-S</u>	<u>9/2</u>	<u>7/2/14</u>
		AWC Project Biologist	Date
		<u>TS</u>	<u>9/5/2014</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	6/15/2014		X		<input checked="" type="checkbox"/>
Dolly Varden	6/15/2014			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

Update hydrography for 252-32-10010-2039
 During a joint AKSSF survey, I used a GPS to locate the correct location for Stream No. 252-32-10010-2021. I observed about 10 juvenile coho salmon in the headwater lake (Figure 1, IDENT 101). Please correct the location of the stream and add a lake number to the headwater lake. See the attached June 14-16, 2014 trip report.

Add new lakes: 2039-2030 w/ Coho Salmon rearing

ref 14-148

Name of Observer (please print): Will Frost, Habitat Biologist 14-164
 Signature: [Signature] Date: 6/30/2014
 Agency: ADF&G, Division of Habitat **ALASKA DEPT. OF FISH & GAME**
 Address: 333 Raspberry Road
Anchorage, AK 99518 **JUL 1 2014**

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): _____

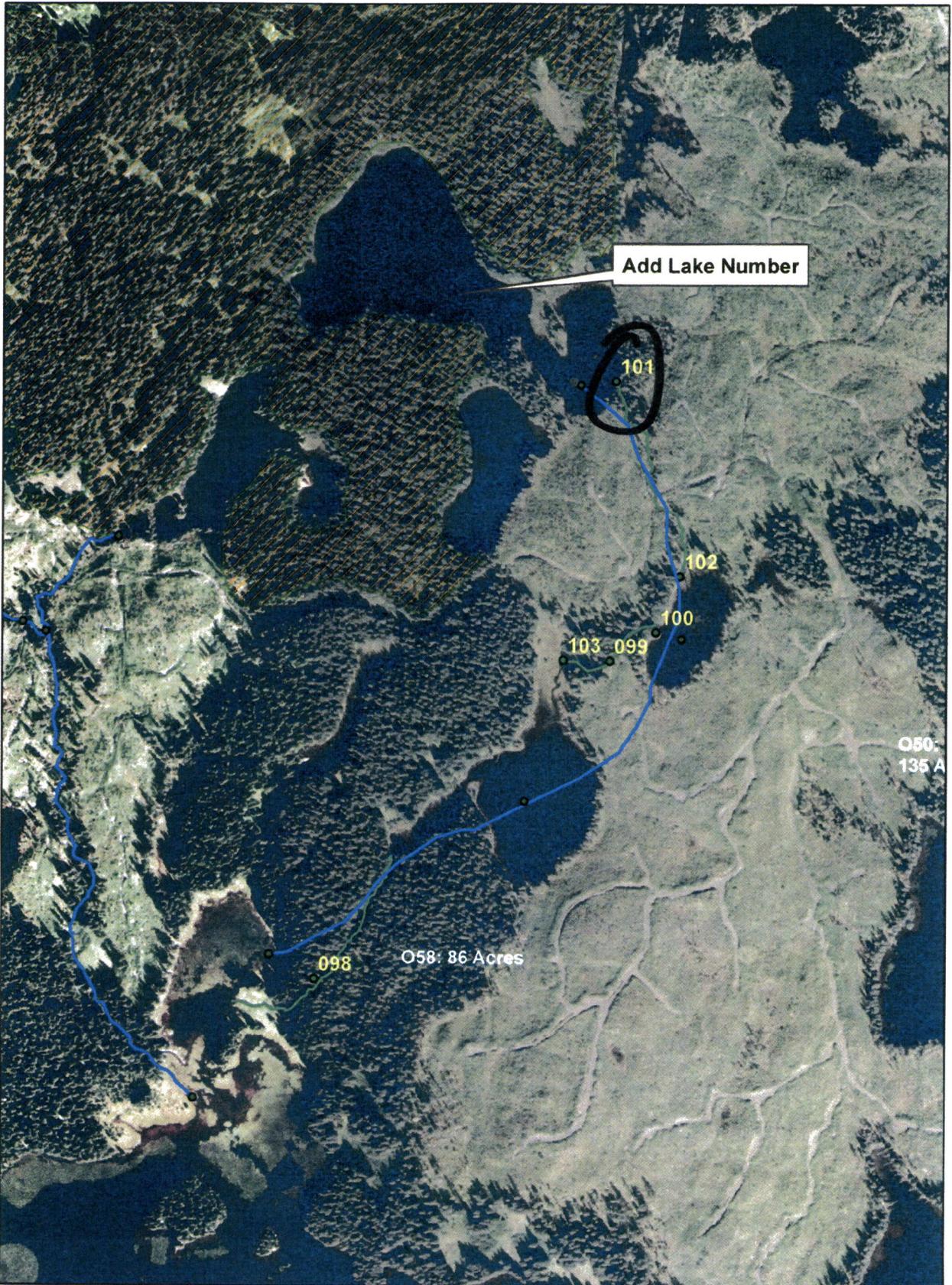
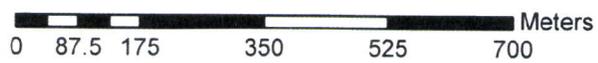


Figure 1



ADF&G

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: July 1, 2014

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island
June 2014

On June 14 through 16, 2014, I joined Jacob Cunha, 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 clear and warm becoming rain.

On the morning of June 14, Mr. Cunha and I flew with Maritime Helicopters of Kodiak to Thorsheim River (Stream No. 251-30-10020) on Afognak Island. The stream is on land managed by Uyak Natives Inc. (Uyak). We used a helicopter to access the river because the nearest road to the river is about 12 kilometers away over uneven and steep terrain (Figure 1). We landed in the lower river and walked to an unnamed tributary that flows into the Thorsheim River estuary. We used an electrofisher to sample 670 meters of the stream (Figure 2). We captured 35 Dolly Varden (50-85 mm fork length (FL)). We observed salmon bones on the streambanks. The unnamed stream will be surveyed for adult fish in the fall of 2014.

We walked up Thorsheim River about 900 meters to an unnamed tributary that was about 9 meters wide with a moderate gradient (Figure 3). We sampled the lower reach and captured 2 juvenile steelhead trout (80 and 100 mm FL) (Figure 4). We continued sampling upstream and captured 7 Dolly Varden (55-150 mm FL) (Figure 5). We ended our survey at a 4 meter high barrier (Figure 6). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

We returned to Thorsheim River and sampled an unnamed tributary on the opposite side of the river. We sampled 80 meters of the unnamed tributary ending our survey at a 1 meter high barrier. We captured 3 Dolly Varden (35-50 mm FL).

We sampled Thorshiem River at the outlet of the previously sampled unnamed stream and captured 2 juvenile sockeye salmon (95 mm FL) and 5 juvenile steelhead trout. No length measurements were taken for the steelhead trout. The juvenile sockeye salmon and juvenile steelhead trout will be nominated for update to the Anadromous Waters Catalog.

We walked down the Thorsheim River and sampled 76 meters of an unnamed tributary that was less than 1.5 meters wide. We captured 7 Dolly Varden (40-55 mm FL). A tributary was observed flowing into the sampled stream. Because of time constraint, the tributary was not sampled.

We walked down the Thorsheim River and sampled an additional stream that flows into the estuary. We sampled 308 meters of the stream and captured 2 young-of-year pink salmon (40 and 45 mm FL) (Figure 7). An additional 10 Dolly Varden were captured. No length measurements were taken for the Dolly Varden. A tributary was observed flowing into the sampled stream. Because of time constraint, the tributary was not sampled. The unnamed stream will be nominated to the Anadromous Waters Catalog. While returning to Kodiak in the helicopter we identified two additional streams on Uyak land that will be sampled in the fall of 2014.

On the morning of June 15, Mr. Cunha and I flew to Afognak Island. We drove the 900 Road to Stream No. 252-32-10010-2021. The stream flows through Unit O-58 on land managed by Koncor. We walked up the lower reach to determine if tributaries to Stream No. 252-32-10010-2021 are located in the unit. No tributaries were found. We sampled the lower reach of the stream and captured 4 juvenile coho salmon (45-60 mm FL). We walked about 1,300 meters to the headwater lake (Figure 8). We observed about 10 juvenile coho salmon in the lake. While walking back to the car, we used a Garmin GPS to map the correct location of the stream. The correct location of the stream will be nominated for update to the Anadromous Waters Catalog. The presence of juvenile coho salmon in the headwater lake will be nominated to the Anadromous Waters Catalog.

On the morning of June 16, Mr. Cunha and I drove the 1100 Road near mile post 7.5. We walked to an unnamed lake that flows into Stream No. 251-82-10050-2039. The stream is located on land managed by Afognak Native Corp. We set two baited minnow traps in the lake. The traps soaked about 4 hours. The traps captured 4 juvenile coho salmon (70-130 mm FL) (Figure 9). The unnamed lake will be nominated to the Anadromous Waters Catalog.

We walked to the upper extent of the specified reach for Portage Creek (Stream No. 251-82-10050). We set two baited minnow traps in an unnamed lake that flows into Portage Creek. At the inlet end of the lake we located a beaver dam that was about 6 meters high. We set two minnow traps in the lake above the beaver dam. The traps soaked about two hours. The traps located in the lake that flows to Portage Creek captured two Dolly Varden (90 mm FL) and 10 stickleback. We observed 5 juvenile coho salmon below the lake outlet. The traps located above the beaver dam captured 30 stickleback. The lake above the beaver dam was sampled during the May 2014 sampling effort. Stickleback and Dolly Varden were captured during the May effort. The juvenile coho salmon in Portage Creek will be nominated for update to the Anadromous Waters Catalog.

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



Figure 1. Access to Thorsheim River. View above Thorshiem Lake looking downstream.



Figure 2. Mr. Cunha sampling unnamed stream in lower Thorsheim estuary.



Figure 3. Unnamed tributary to Thorshiem River.

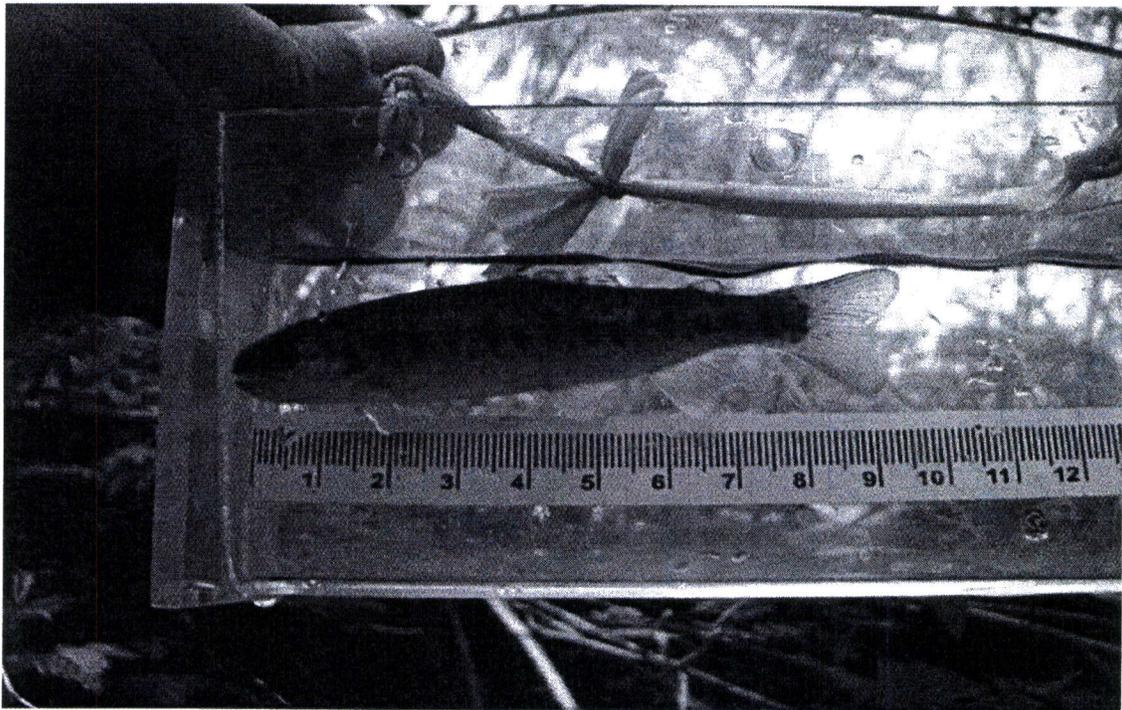


Figure 4. Steelhead trout captured in unnamed tributary to Thorshiem River.

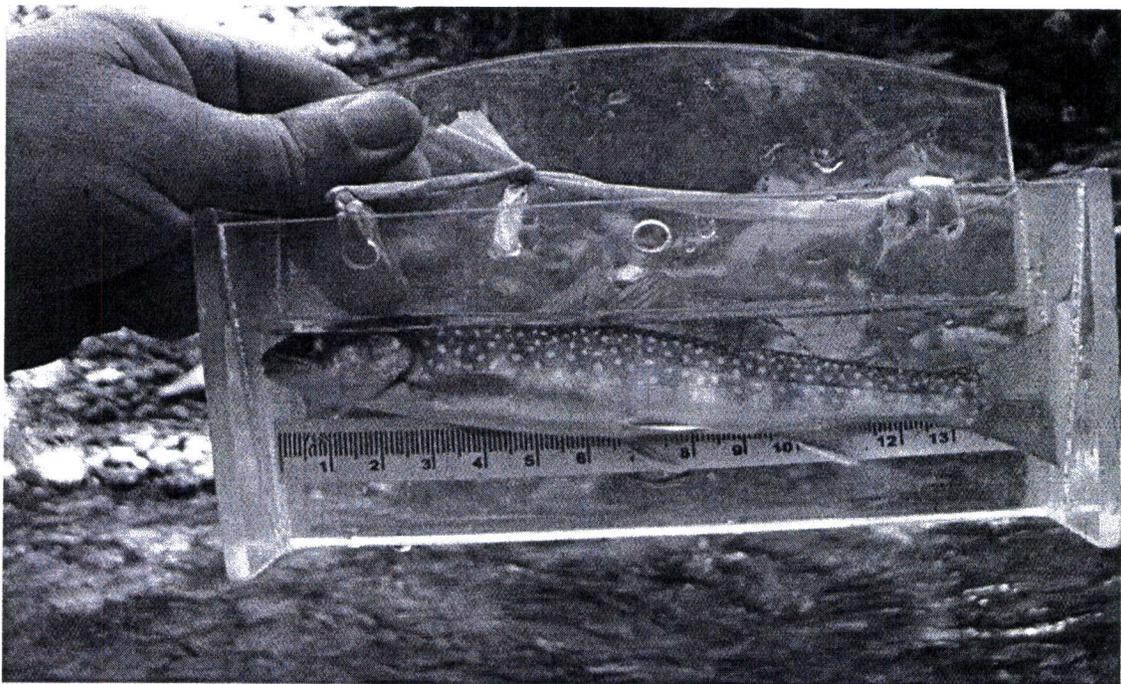


Figure 5. Dolly Varden captured in unnamed tributary to Thorshiem River.

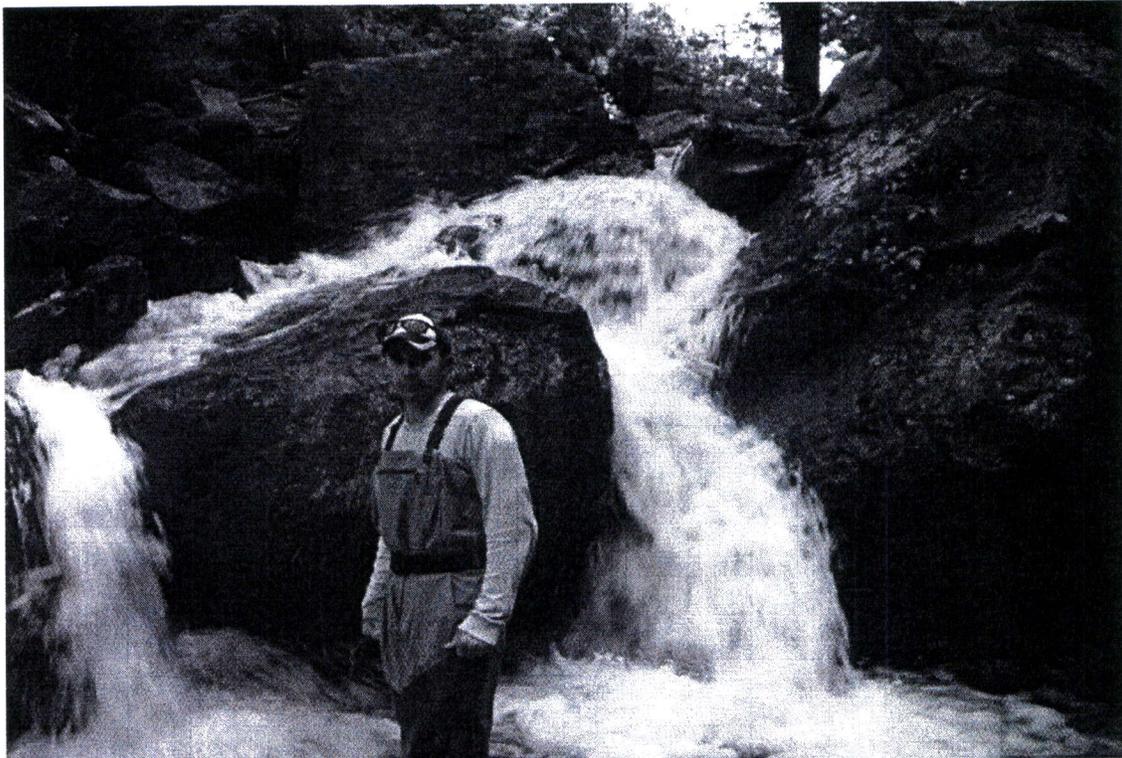


Figure 6. Barrier on unnamed tributary to Thorshiem River.

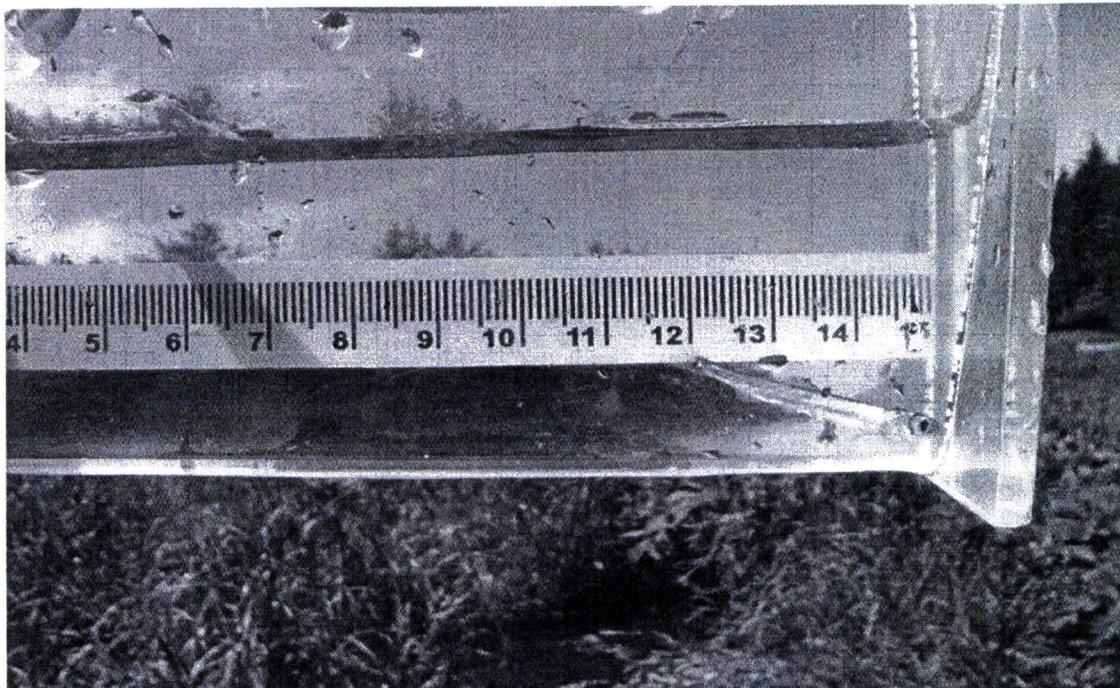


Figure 7. Young-of-year pink salmon captured in unnamed tributary Thorsheim River.

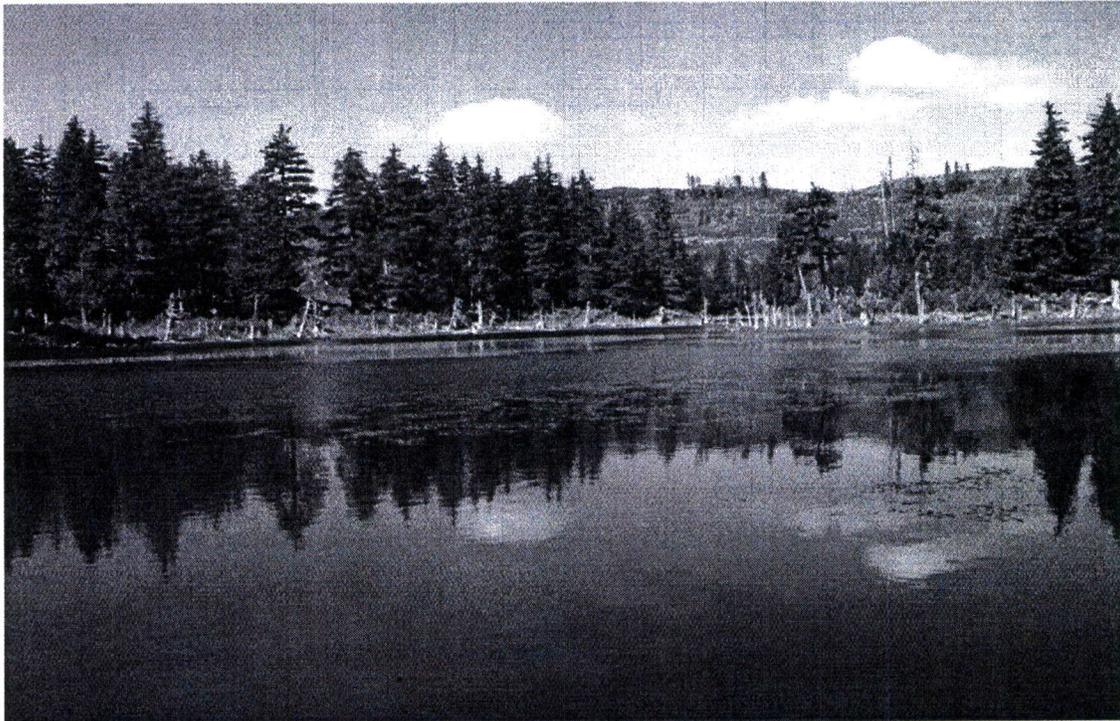


Figure 8. Headwater lake to Stream No. 252-32-10010-2021.

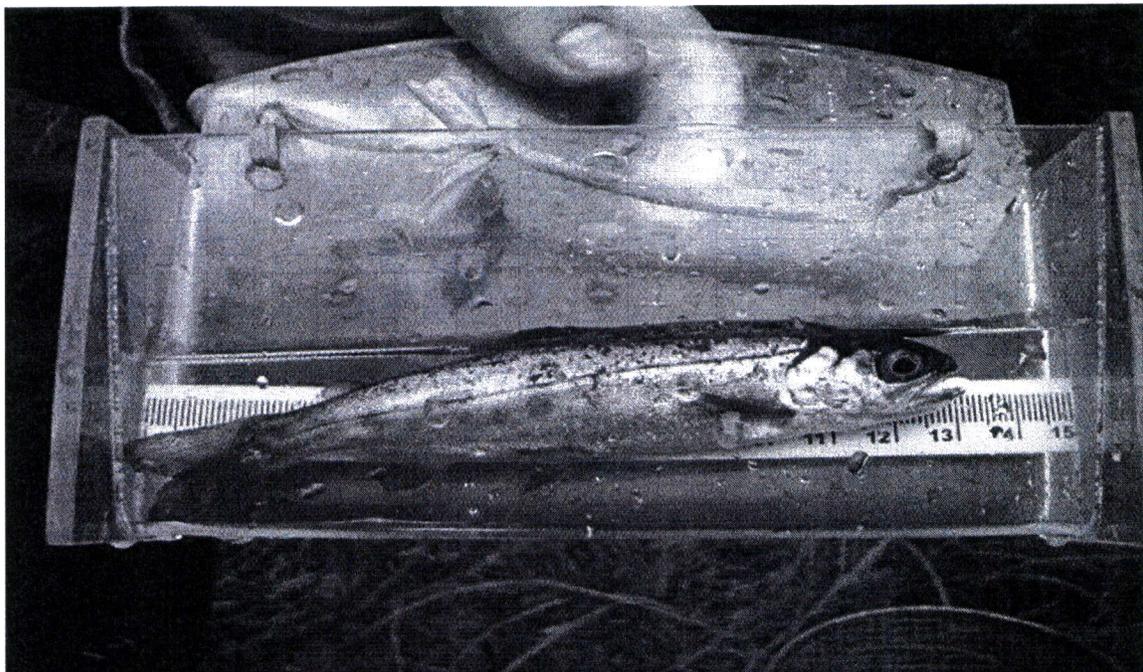


Figure 9. Coho salmon captured in unnamed lake that flows into Stream No. 251-82-10050-2039.

cc: S. Schrof, ADF&G
N. Svoboda, ADF&G
D. Tracy, 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
N. Lepschat, TransPac
D. Pluard, Evergreen Timber

add new lake 252-32-10010-2039-0030 w/coho salmon rearing,
revise hydro on upstream portion of water body, use
noms\frost\7_1_14\Tracks.shp for hydro, ref 14-148 (hydro change), 14-164 (number change)

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