



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

Nomination Form  
Anadromous Waters Catalog

ME

Region Southwest USGS Quad(s) Afognak A-2  
 Anadromous Waters Catalog Number of Waterway 252-32-10010 - 2009-2010  
 Name of Waterway Unnamed Tributary Little Afognak River  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>A-2</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>5/20/13</u> Date
Revision Code: <u>130084</u>	<u>[Signature]</u> Cartographer	<u>11 6 13</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (2)	4/24/2013		X		<input checked="" type="checkbox"/>
Rainbow Trout (1)				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** add new lake & stream w/ coho salmon REARING  
 During a joint Koncor AKSSF sampling effort prior to timber harvest, I used an electrofisher to sample an unnamed tributary to Little Afognak River. See the April 22 - 24, 2013 Trip Report.

ALASKA DEPT. OF FISH & GAME  
MAY 17 2013

Name of Observer (please print): Will Frost, Habitat Biologist  
 Signature: [Signature] Date: 5/10/2013  
 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): \_\_\_\_\_

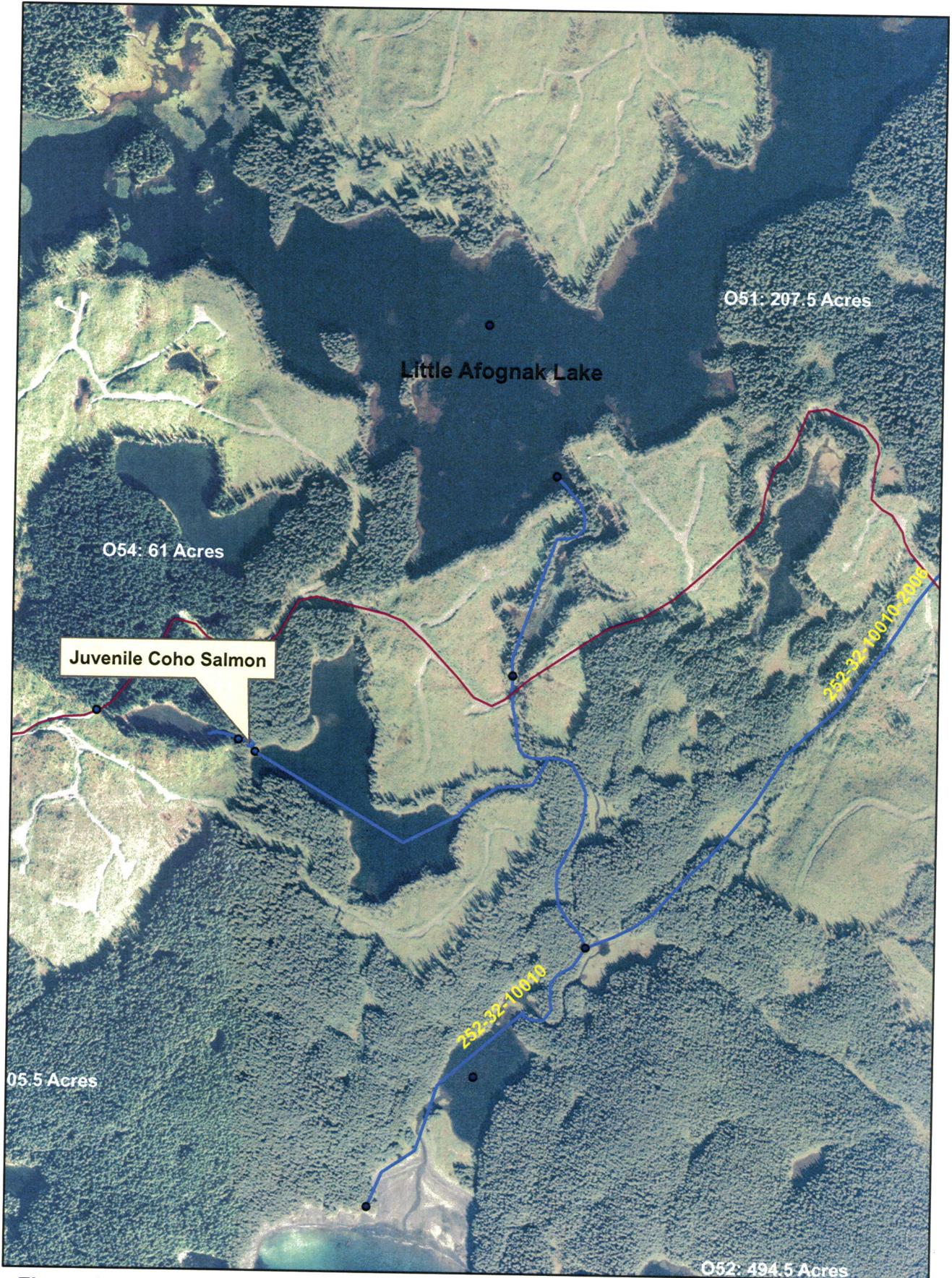


Figure 1

0 0.05 0.1 0.2 0.3 0.4 Miles

ADF&G

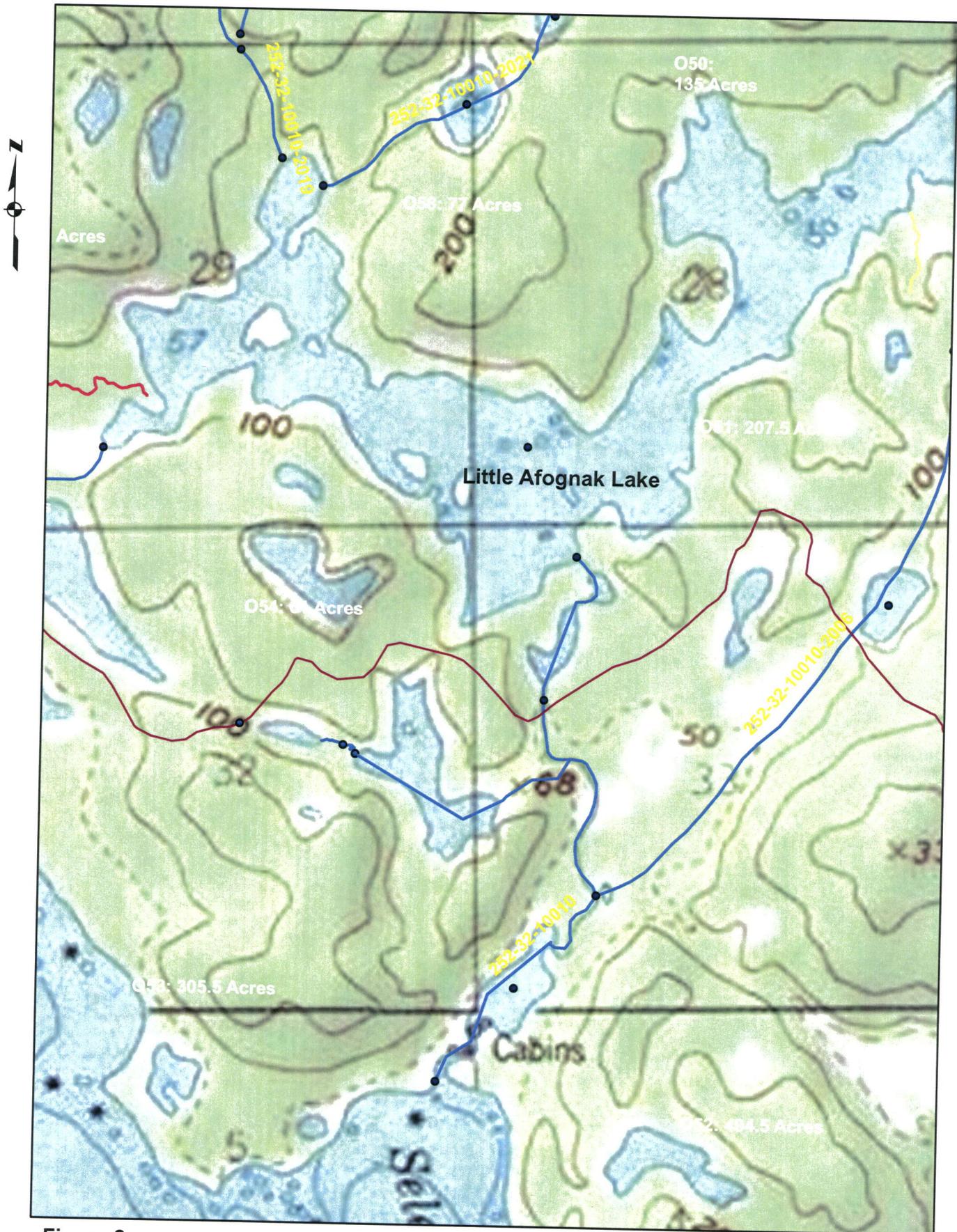


Figure 2

0.0 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: May 2, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*  
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island  
April 2013

On April 22 through 24, 2013, I joined Keith Coulter, Koncor, Greg Harris, Afognak Native Corporation (ANC), Brian Rupp, TransPac, and Josh Brekken, 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 rain becoming clear and cool.

On the afternoon of April 22, Mr. Harris, Mr. Brekken, and I drove the 1100 Road to Stream No. 251-82-10060. We used an electrofisher to sample the stream from the 1100 road upstream to the end of the specified reach. Because of ice in the stream, limited habitat was sampled (Figures 1 and 2). We captured four juvenile coho salmon (55-95 mm Fork Length (FL)). We captured 10 Dolly Varden (70 to 120 mm FL). About 20 sculpin were also captured (Figure 3). The juvenile coho salmon will be updated to the Anadromous Waters Catalog. The reach above the specified portion of the stream will be sampled in May 2013.

On the morning of April 23, Mr. Rupp, Mr. Brekken, and I drove to a new alignment of the 1125 Road. We walked downstream from the road to sample an unnamed tributary to Paramanof River (Stream No. 251-40-10030). Ice in the stream restricted sampling (Figure 4). We continued downstream to the old 1125 Road and located a perched 24-inch culvert. About 350 feet below the road we located a 30-foot high barrier about 900 feet above the Paramanof River (Figure 5). The stream below the barrier was partially ice free. We sampled below the barrier to the Paramanof River. No fish were captured or observed. The reach below the barrier will be re-sampled later in the 2013 field season.

We walked to an unnamed tributary of Paramanof River (Stream No. 251-40-10030-2008). About 600 feet above the specified reach is an 8-foot high barrier. We walked downstream to the Paramanof River and sampled the stream. No fish were captured or observed. The reach

below the barrier will be re-sampled later in the 2013 field season. I used a hand-held Garmin GPS to correct the specified location of the stream. The correct stream location will be updated to the Anadromous Waters Catalog.

On the morning of April 24, Mr. Brekken and I drove the 930 Road to Unit 063 located on land managed by Koncor. We sampled an unnamed stream and pond that flows into Duck Bay (Figures 6 and 7). Sampling captured one Dolly Varden (75 mm FL). Because the stream enters the bay and there is no physical barrier at the beach, pink salmon may use the stream. The ADF&G recommends the stream be provided with a riparian retention area.

We drove to the headwaters of Stream No. 252-32-10040. The stream is located in Unit O122. We assessed access to a lake located above the specified reach. Because of limited time, the unspecified reach will be sampled in May 2013.

We drove to an unnamed tributary of Little Afognak River (Stream No. 252-32-10010) in Unit 054. The stream flows between a pond and a lake (Figures 8 and 9). The lake flows into Little Afognak River. We captured two juvenile coho salmon (55-110 mm FL) and one rainbow trout (70 mm FL). The unnamed stream will be nominated to the Anadromous Waters Catalog.

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



Figure 1. Ice in Stream No. 251-82-10060. View looking upstream.



Figure 2. Ice in Stream No. 251-82-10060. View looking upstream.



Figure 3. Sculpin captured in Stream No. 251-82-10060.



Figure 4. Ice in an unnamed tributary to the Paramanof River.



Figure 5. Barrier in unnamed tributary to the Paramanof River.



Figure 6. Unnamed stream adjacent to Unit 063.



Figure 7. Unnamed Pond adjacent to Unit 063.

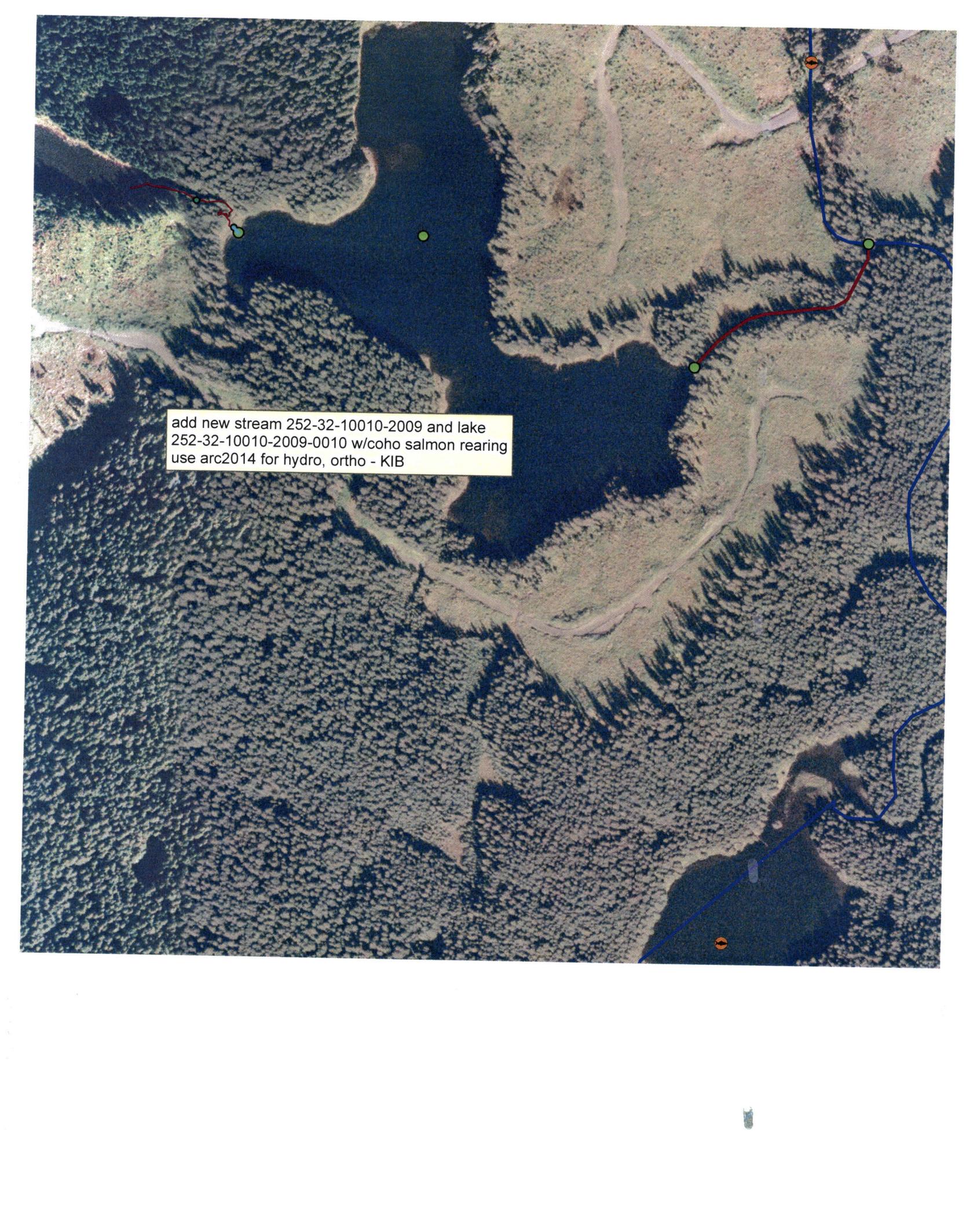


Figure 8. Unnamed tributary of Little Afognak River.



Figure 9. Unnamed pond that flows to Little Afognak River.

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, ADOF  
B. Cassidy, KIB  
B. Scholze, KIB  
K. Coulter, Koncor  
G. Harris, ANC

An aerial photograph of a forested landscape with a network of streams. A red line traces a stream path from the upper left towards the center, ending at a green dot representing a lake. A blue line traces a stream path from the upper right towards the center, also ending at a green dot. There are two orange circular markers with black arrows on the blue stream line. The terrain is rugged with visible stream channels and forest cover.

add new stream 252-32-10010-2009 and lake  
252-32-10010-2009-0010 w/coho salmon rearing  
use arc2014 for hydro, ortho - KIB