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

Nomination Form
Anadromous Waters Catalog

M E

Region: Southwest

USGS Quad(s): Afognak A-2

Anadromous Waters Catalog Number of Waterway: 252-32-10010-2019-3012

Name of Waterway: Unnamed Tributary Little Afognak Lake

☐ USGS Name ☑ Local Name

☐ Addition ☐ Deletion ☑ Correction ☐ Backup Information

For Office Use

Nomination #	130141	Fisheries Scientist	10/29/13 Date
Revision Year:	2014	Habitat Operations Manager	10/29/13 Date
Revision to:	Atlas ____ Catalog ____ Both X	AWC Project Biologist	8/13/13 Date
Revision Code:	C-9	Cartographer	11 6 13 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Dolly Varden	7/26/2013			X	☐
					☐
					☐
					☐
					☐

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

I used a Garmin hand held GPS to correct the location of Stream No. 252-32-10010 -2019-3012. See the July 24-26, 2013 Trip Report.

Revise hydrography for stream

Ref nom # 13-140

Name of Observer (please print): Will Frost, Habitat Biologist

Signature:

Date: 8/5/2013

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF FISH & GAME
AUG 0 8 2013

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):

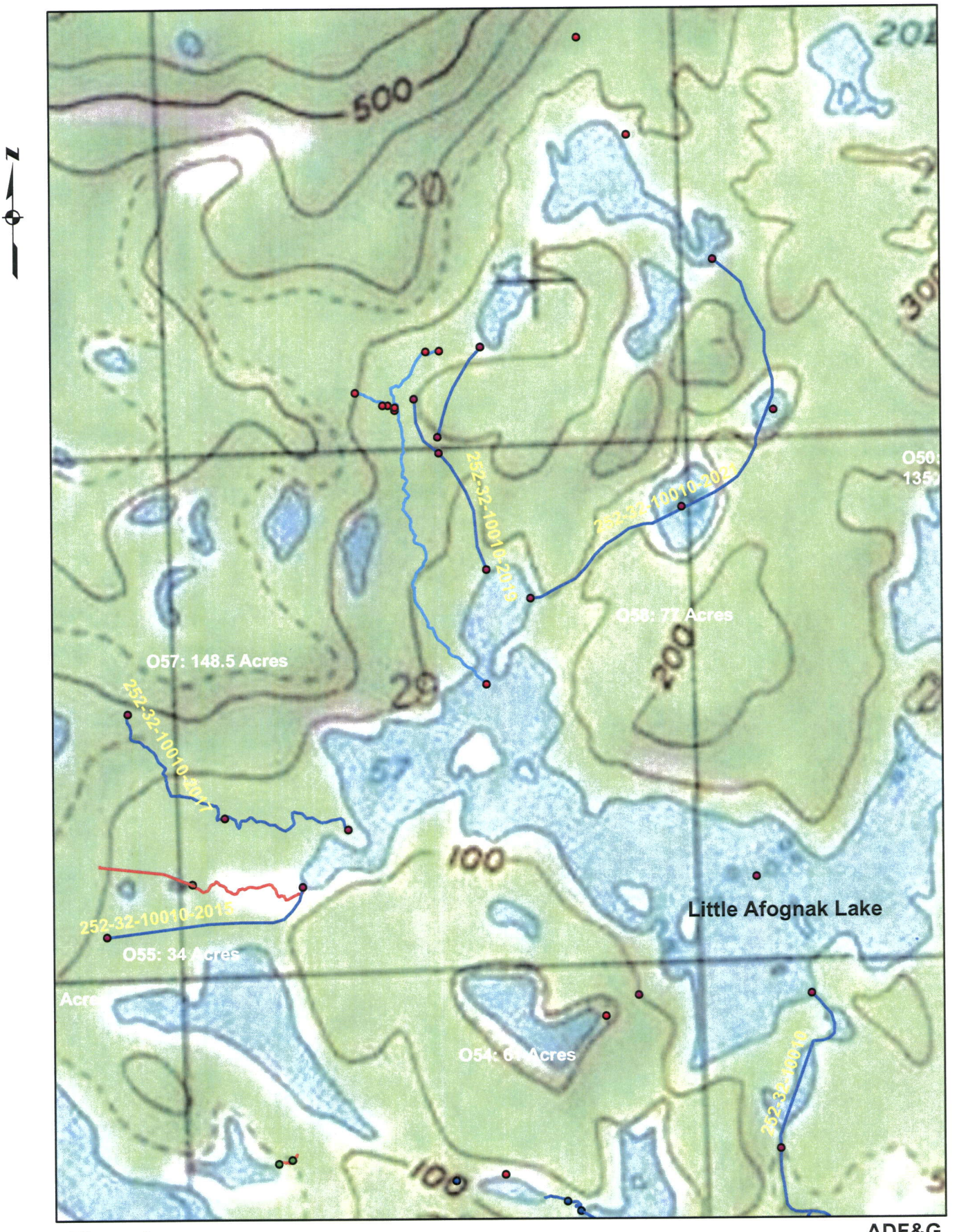

Figure 1

ADF&G

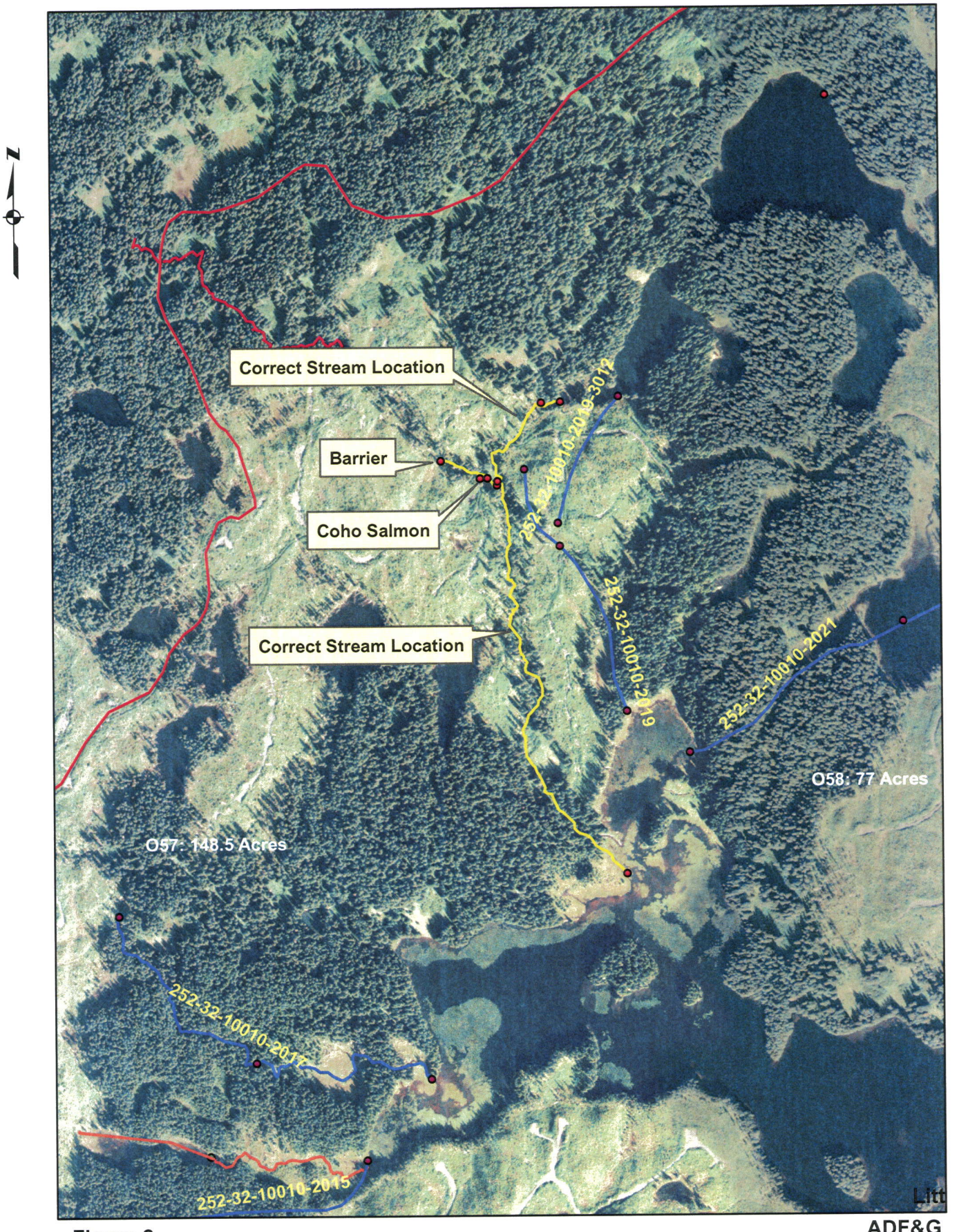

Figure 2

ADF&G

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MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: August 7, 2013

PHONE NO: 267-2813

FROM: Will Frost WF
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island
July 2013

On July 24 to 26, 2013, I joined Keith Coulter, Koncor, Greg Harris, Afognak Native Corporation (ANC), and Dillon Shults, 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 very warm. Because of low rainfall in the past month, water levels were low in all sampled streams.

On the afternoon of July 24, Mr. Shults and I drove the 1125 Road to an unnamed tributary to Paramanof River (Stream No. 251-40-10030) (Figure 1). About 350 feet below the road we located a 30-foot high barrier about 900 feet above the Paramanof River. Because of the lack of rain, the stream below the barrier contained intermittent flow (Figure 2). We used an electrofisher to sample below the barrier to the Paramanof River. We captured one juvenile coho salmon (55 mm Fork Length (FL)). We captured 10 Dolly Varden (25-115 mm FL). The stream was sampled in April 2013. Because of ice on the stream, no fish were captured or observed during the April sampling trip.

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 upper extent of the specified reach and sampled the stream to the barrier. We captured one juvenile coho salmon (55 mm FL) (Figure 3). We captured 100 Dolly Varden (25-120 mm FL). I used a hand-held Garmin GPS to correct the specified location of the stream. The correct stream location will be nominated for update to the Anadromous Waters Catalog. The stream was sampled in April 2013. Because of ice on the stream, no fish were captured or observed during the April Sampling trip.

On the morning of July 25, Mr. Harris, Mr. Shults and I drove to the 230 Road and walked down Stream No. 252-31-10010. Timber on lands managed by Koniag Native Corporation will be harvested in the future and Mr. Harris requested the ADF&G confirm the presence of a barrier to fish passage exists below the proposed timber units. We located a barrier about 45-feet high 400 feet above Saposa Bay (Figure 4). We sampled the stream from Saposa Bay to the barrier. We captured 2 Dolly Varden (200-250 mm FL) (Figure 5). The Dolly Varden were captured in the tidally influenced reach and are likely anadromous. I used a hand-held Garmin GPS to correct the specified location of the stream and the location of the barrier. The correct stream location will be nominated for update to the Anadromous Waters Catalog. The Dolly Varden will be nominated to the Anadromous Waters Catalog.

Mr. Shults and I drove to the 930 Road on lands managed by Koncor. We set two baited minnow traps in an unnamed lake that flows into Little Afognak Lake (Lake No. 252-32-10010-0020). There is no physical barrier between the two lakes. The traps soaked about 19 hours. The traps captured stickleback. The stream between the lakes was sampled in June 2013. No salmon were captured or observed during the June sampling trip.

We drove to the 900 Road and set three minnow traps in an unnamed lake located above the specified reach of Stream No. 252-32-10010-2021. The traps soaked about 18 hours. The traps captured stickleback. Because of beaver activity, a beaver dam may be present at the lake outlet and blocking fish passage. Because of the time constraint, we were unable to walk around the lake to determine if a beaver dam is located at the lake outlet.

On the morning of July 26, we set two minnow traps in an unnamed lake located above the specified reach of Stream No. 252-32-10010-2019-3012. The traps soaked about 3 hours (Figure 6). The traps captured two Dolly Varden. No length measurement was taken for the Dolly Varden. A 5-foot high beaver dam was located at the lake outlet. We set one minnow trap in Stream No. 252-32-10010-2019-3012. The trap soaked about 3 hours. The trap captured 5 Dolly Varden (55-70 mm FL). I used a hand-held Garmin GPS to correct the specified location of the stream. The correct stream location will be nominated for update to the Anadromous Waters Catalog.

We walked to Stream No. 252-32-10010-2019. We set one minnow trap in the stream. The trap soaked about 2 hours. The trap captured 3 juvenile coho salmon (45-70 mm FL). We observed about 1,000 Dolly Varden in the stream. We walked upstream and located a 7-foot high barrier about 0.9 miles above Little Afognak Lake (Figure 7). We walked downstream through heavy blow-down trees to Little Afognak Lake (Figure 8). I used a hand-held Garmin GPS to correct the specified location of the stream and the location of the barrier. The correct stream location and barrier location 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 August 2013.

Figure 1. Low stream flow in the Paramanof River. View looking downstream.

Figure 2. Dry stream reach in the unnamed tributary to the Paramanof River. View looking upstream.

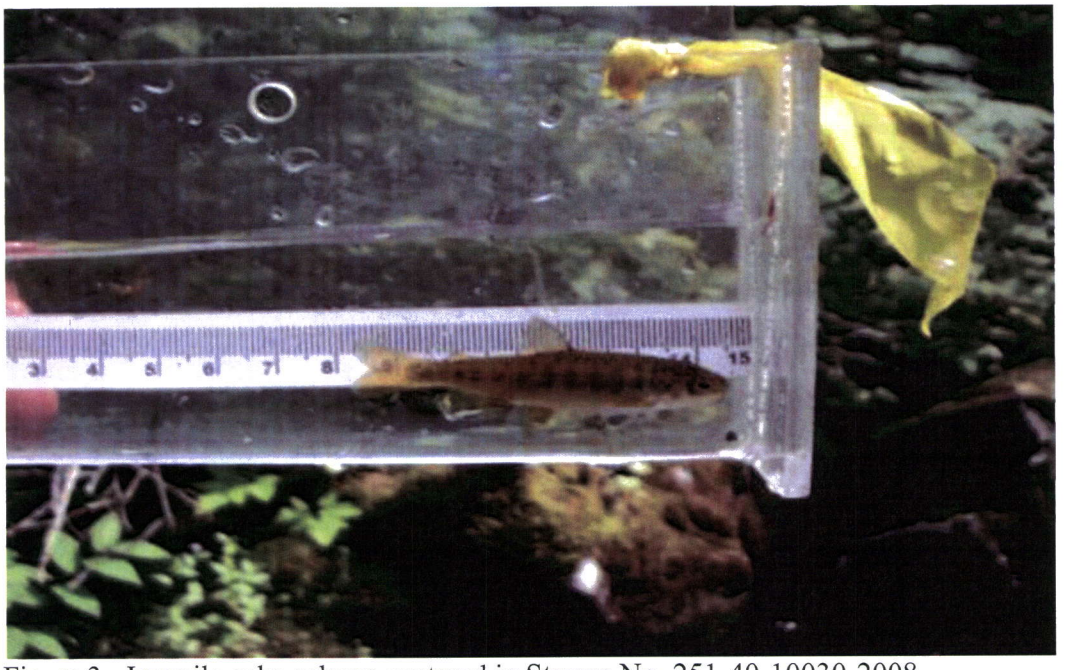


Figure 3. Juvenile coho salmon captured in Stream No. 251-40-10030-2008.

Figure 4. Barrier in Stream No. 252-31-10010. View looking upstream.

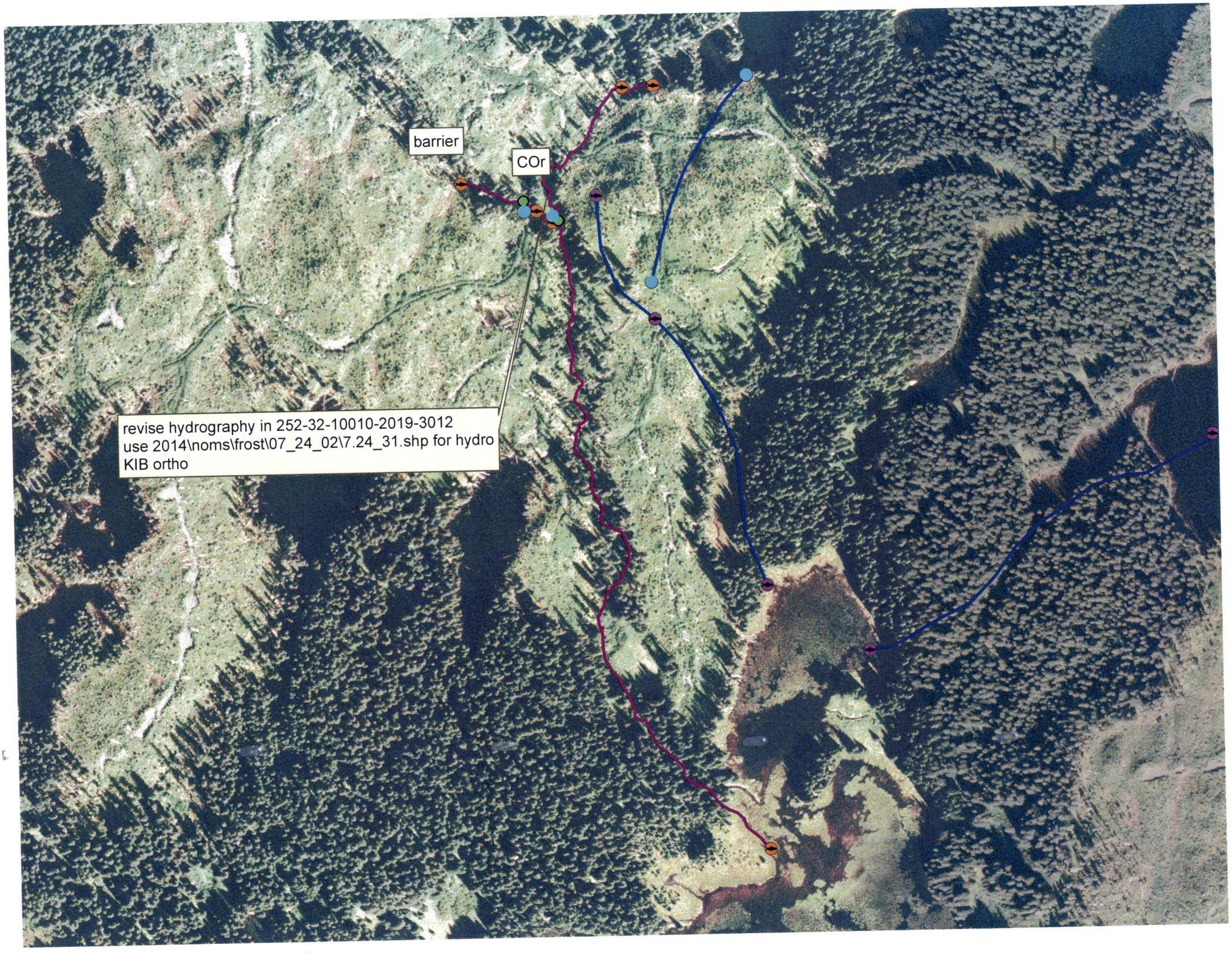
Figure 5. Dolly Varden captured in Stream No. 252-31-10010.

Figure 6. Recovering a minnow trap from the unnamed lake above Stream No. 252-32-10010-2019-3012.

Figure 7. Barrier in Stream No. 252-32-10010-2019. View looking upstream.

Figure 8. Blow-down trees in Stream No. 252-32-10010-2019. View looking upstream.

cc: S. Schrof, ADF&G
N. Svoboda, ADF&G
D. Tracy, ADF&G
T. Polum, 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


barrier
COr
revise hydrography in 252-32-10010-2019-3012
use 2014\noms\frost\07_24_02\7.24_31.shp for hydro
KIB ortho