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, A-2 NE

Anadromous Waters Catalog Number of Waterway: 251-82-10050-2039- 3050 - 0010

Name of Waterway: Unnamed Lake Upper Portage River ☐ USGS Name ☑ Local Name 0020

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 140068	James J Hasbrouck	Fisheries Scientist	9/3/2014 Date
Revision Year: 2015		Habitat Operations Manager	9/3/14 Date
Revision to: Atlas ____ Catalog ____ Both X		AWC Project Biologist	5/20/14 Date
Revision Code: AZ	TA	Cartographer	9/10/14 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (2)	4/29/2014		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.

Ref nom #
14-065
14-064
14-066
14-067
14-069

Comments

During an joint AKSSF stream survey, I used a baited minnow trap to sample an unnamed lake that flows to 251-82-10050-2039 (Figure 1). See the April 28-30, 2014 trip report.

Add new stream 251-82-10050-2039-3050 #
Inlet -3050.0010 w/ coho salmon Rearing

RECEIVED
MAY 12 2014
ALASKA DEPT. OF FISH & GAME

Name of Observer (please print): 0020 Will Frost, Habitat Biologist

Signature: [signature]

Date: 5/7/2014

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

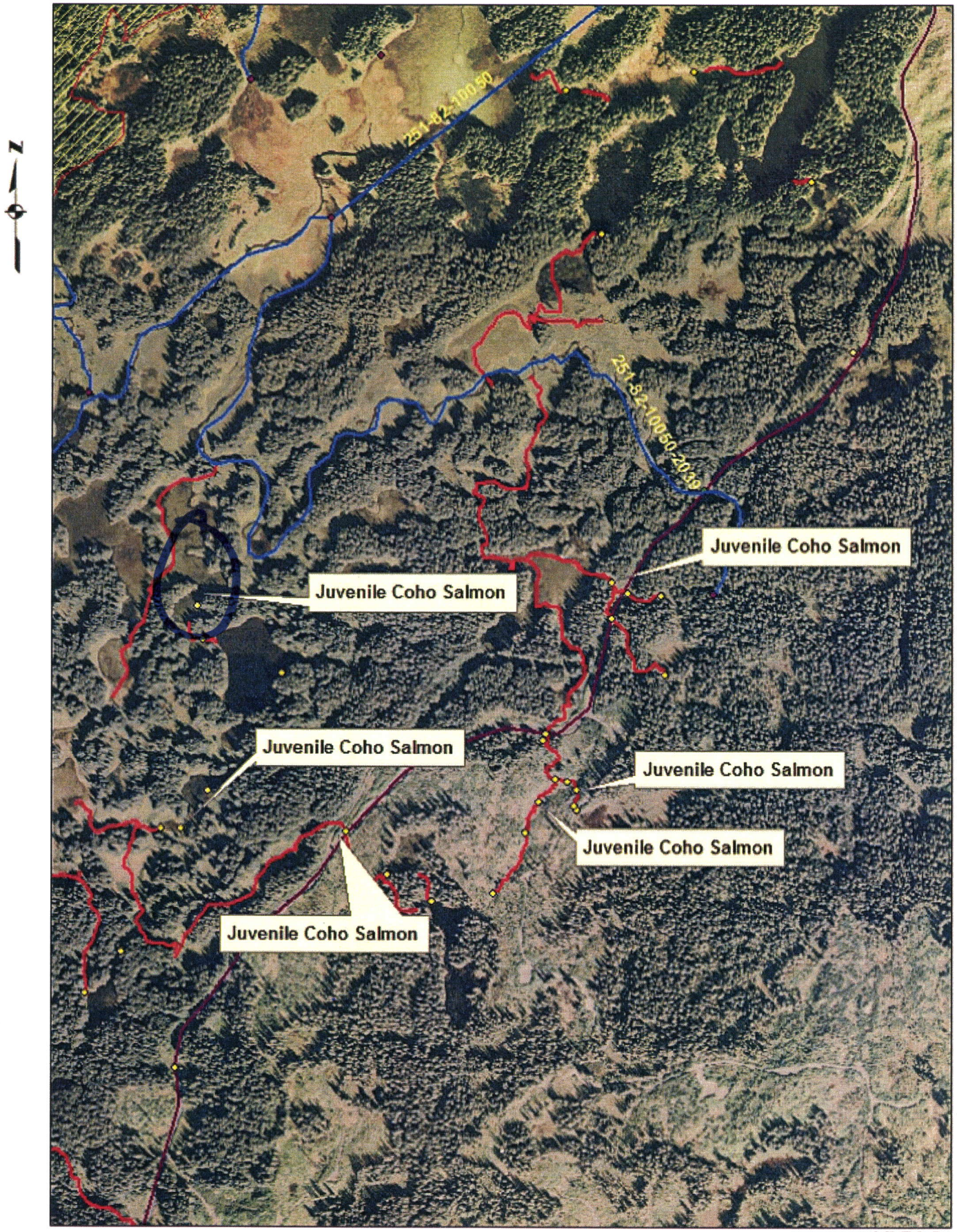


Figure 1

ADF&G

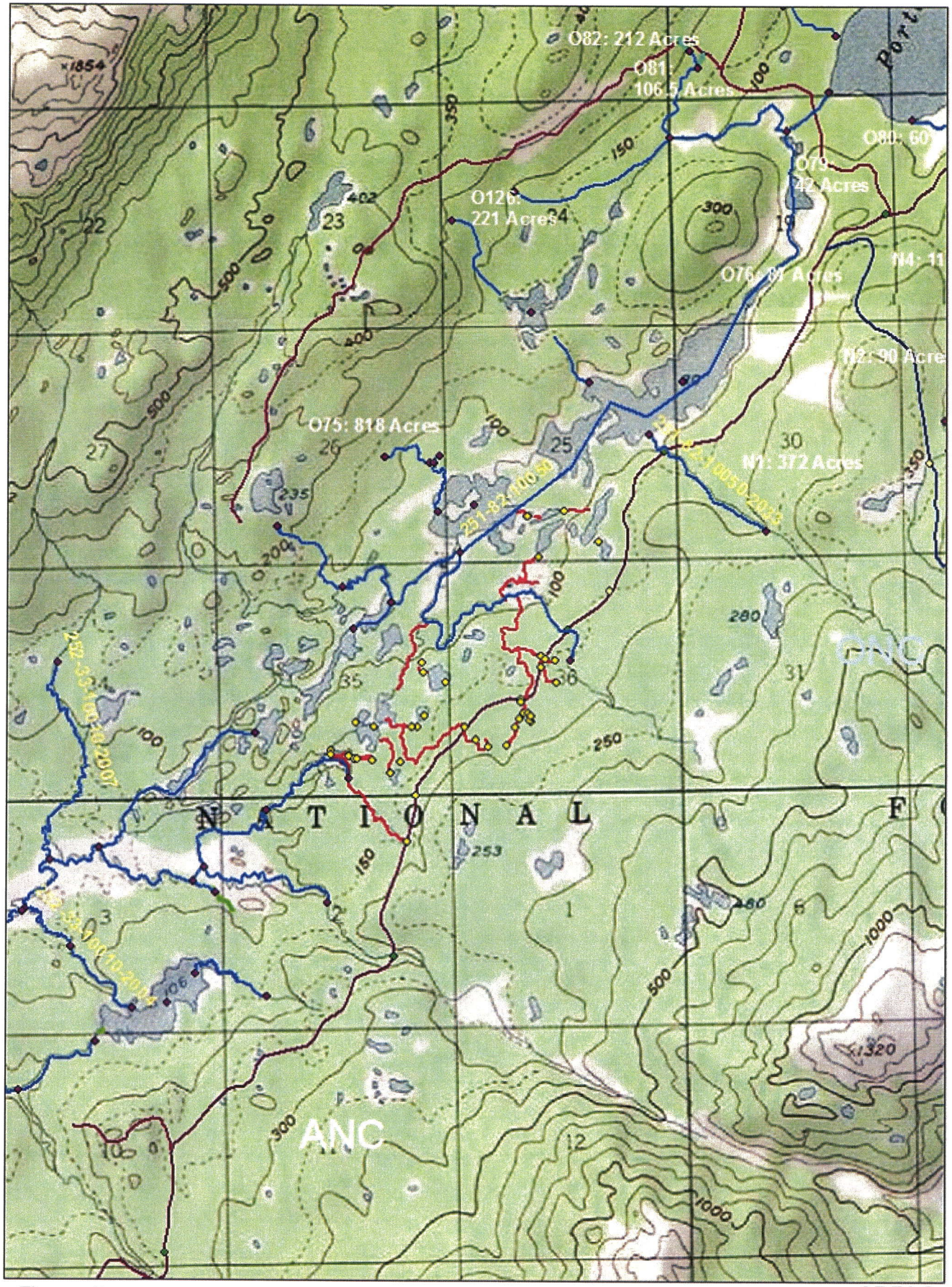


Figure 2

ADF&G

Meters

0 335 670 1,340 2,010 2,680

MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: May 8, 2014

PHONE NO: 267-2813

FROM: Will Frost WF
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island
April 2014

On April 28 through 30, 2014, I joined Keith Coulter, Koncor, Tarn Rackley, Afognak Native Corporation (ANC), 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 clear and unseasonably warm.

On the afternoon of April 28, Mr. Brekken, and I drove the 1100 Road near mile post (MP) 8.5 to an unnamed lake that flows into Stream No. 251-82-10050-2039. The lake is located on land managed by Koncor. The lake was sampled in October 2013 and juvenile coho salmon were captured during the sampling effort. The lake has been nominated to the Anadromous Waters Catalog. We returned to the lake to determine where the outlet of the lake flows so that the nomination can be completed. We walked from the lake outlet downstream about 180 meters to an additional lake. We walked around the lake and determined two outlets to the second lake are present. Because of beaver dams, the lake level has been elevated causing the water to flow into two streams. We determined the dominant flow enters Stream No. 251-82-10050-2039 (Figure 1). The nomination to the Anadromous Waters Catalog will be updated.

On the morning of April 29, Mr. Rackley, Mr. Brekken, and I drove the 1100 Road to MP 7.6. We set eight baited minnow traps in lakes, ponds, and a stream that flows to the Portage River watershed (Stream No. 251-82-10050) or the NE Danger Creek (the local name is "Cold Creek") watershed (Stream No. 252-33-10010). The lakes and ponds are on land managed by ANC. The traps soaked about 24 hours. Trap one and two were located in an unnamed lake and pond that flowed to the Portage River watershed (Figure 2). No fish were captured in the traps. The lake and pond outlets were blocked by beaver dams. Trap three was located in an unnamed lake below the beaver dams located on the lake and pond that flowed to Stream No. 251-82-10050-2039. The trap captured two juvenile coho salmon (40 and 90 mm Fork Length (FL)) and 60

stickleback (Figure 3). The unnamed lake below the beaver dams will be nominated to the Anadromous Waters Catalog. Trap four and five were located in a pond that flowed to the Portage River watershed (Figure 4). Trap four captured no fish. Trap five captured 5 juvenile coho salmon (85-108 mm FL) (Figure 5). The unnamed pond will be nominated to the Anadromous Waters Catalog. Traps six and seven were located in a lake that flows to Stream No. 252-33-10010-2006-3007 in the Cold Creek watershed. The traps captured stickleback. The outlet of the lake was blocked by a beaver dam. Trap eight was located in an unnamed stream below a perched culvert located on the 1100 Road MP 7.6 that flowed to Stream No. 251-82-10050-2039. The trap captured two juvenile coho salmon (49 and 59 mm FL) and one Dolly Varden (140 mm FL). The stream below the road was sampled with minnow traps in October 2013. Juvenile coho salmon were also captured during the 2013 sampling effort. The unnamed stream will be nominated to the Anadromous Waters Catalog. In accordance with FRPA, 11 AAC 95.265(7) the lakes and ponds above the beaver dams will require a riparian retention area during timber harvest activity.

We used an electrofisher to sample an unnamed tributary to Stream No. 252-33-10010-2006-3007. We sampled about 350 meters of the stream. We captured 7 juvenile coho salmon (52-95 mm FL) and observed an additional 30 juvenile coho salmon. We captured 3 Dolly Varden (79-126 mm FL). We ended the sampling in a meadow. The unnamed stream will be nominated to the Anadromous Waters Catalog.

On the morning of April 30, Mr. Brekken and I drove to the 1100 Road MP 7.9. We used an electrofisher to sample an unnamed tributary to Stream No. 251-82-10050-2039 (Figure 6). The stream is on land managed by ANC. We sampled upstream of the 1100 road about 400 meters. We captured 7 juvenile coho salmon (52-95 mm FL) and 3 Dolly Varden (79-126 mm FL). We sampled an additional 85 meters of an unnamed secondary tributary to the previous stream and captured 4 juvenile coho (58-94 mm FL) and 11 Dolly Varden (32-84 mm FL). We ended our sampling at a 3-foot high barrier. The unnamed stream and tributary stream will be nominated to the Anadromous Waters Catalog.

We walked downstream below the 1100 Road MP 7.9 and located an additional unnamed secondary tributary to the previously discussed stream. We used a hand-held net to capture 2 juvenile coho salmon (52 and 56 mm FL) (Figure 7). We observed an additional 50 juvenile coho salmon. We ended our survey at the 1100 Road MP 8.1 at a perched 18-inch diameter culvert. The unnamed tributary 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 2014.

Figure 1. Beaver dam located at outlet of lower lake. View looking upstream.

Figure 2. Unnamed lake in the Portage River watershed.

Figure 3. Mr. Brekken measuring juvenile coho salmon in an unnamed lake in the Portage River watershed.

Figure 4. Unnamed pond in the Portage River watershed.

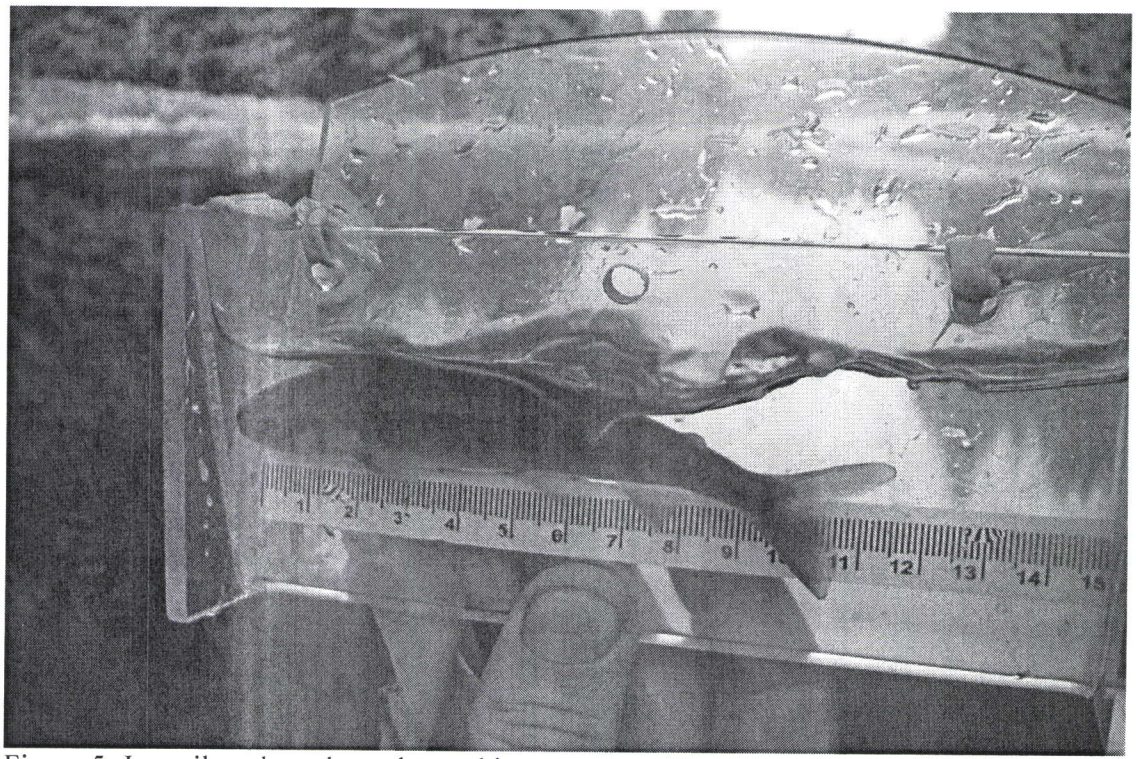
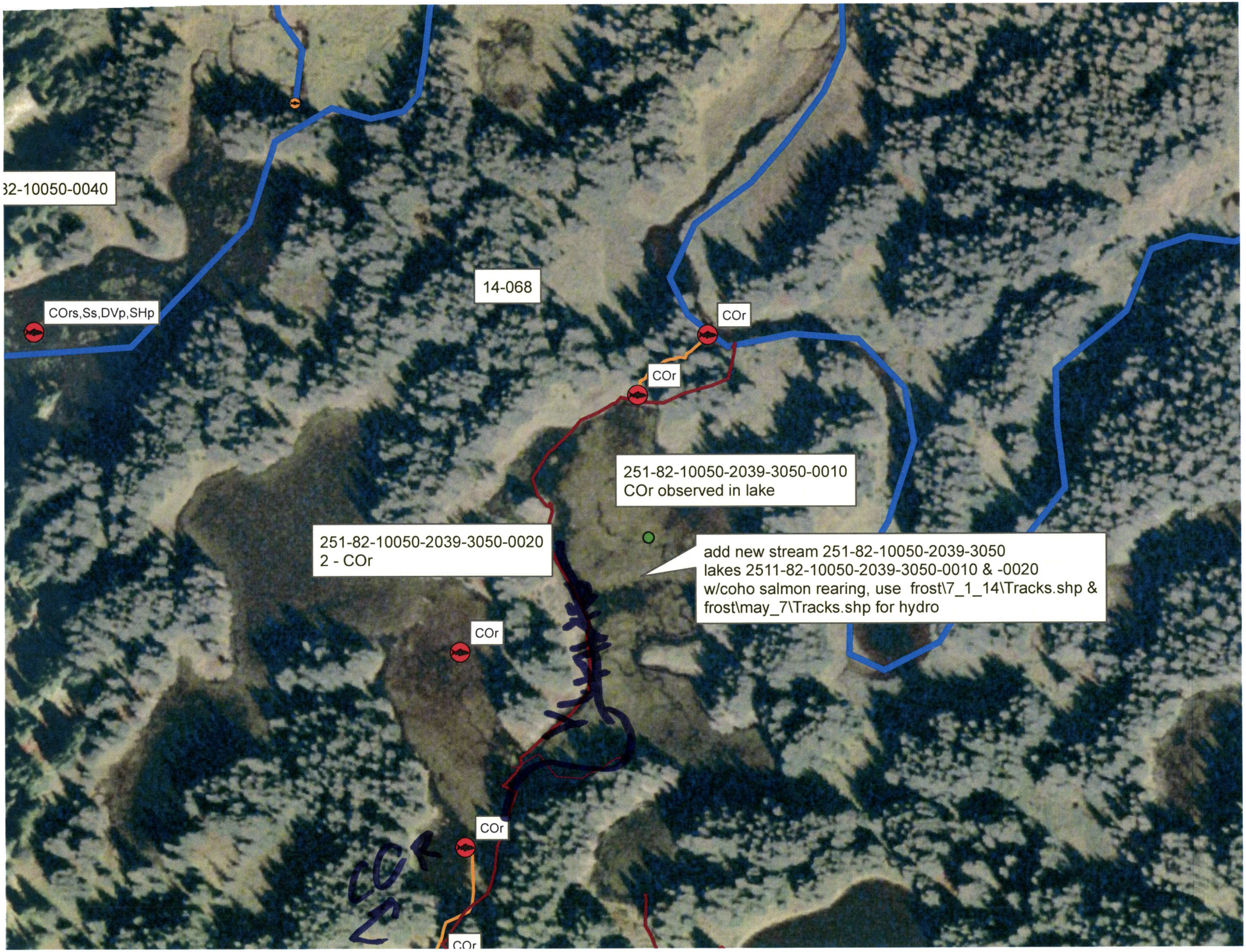


Figure 5. Juvenile coho salmon located in an unnamed pond in the Portage River watershed.

Figure 6. Mr. Frost sampling an unnamed tributary to Stream No. 251-82-10050-2039.

Figure 7. Mr. Brekken using a hand-held net to capture juvenile coho salmon.

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


32-10050-0040
14-068
COrs,Ss,DVp,SHp
COr
COr
251-82-10050-2039-3050-0010
COr observed in lake
251-82-10050-2039-3050-0020
2 - COr
add new stream 251-82-10050-2039-3050
lakes 2511-82-10050-2039-3050-0010 & -0020
w/coho salmon rearing, use frost\7_1_14\Tracks.shp &
frost\may_7\Tracks.shp for hydro
COr
COr
COr