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-3

Anadromous Waters Catalog Number of Waterway: 251-40-10030-2020-~~0010~~ 3016

Name of Waterway: Unnamed Tributary Paramanof Lake ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	130101		
Revision Year:	2014	Fisheries Scientist	10/29/13 Date
Revision to: Atlas ____ Catalog ____ Both ✓		Habitat Operations Manager	10/29/13 Date
		AWC Project Biologist	6/24/13 Date
Revision Code:	A-Z	Cartographer	11 5 13 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho Salmon (2)	6/12/2013		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

During a AKSSF sampling effort, I captured 2 juvenile coho salmon (Figures 1 and 2). See the June 10-12, 2013, trip Report.

Add new stream w/ Coho Salmon REARING

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

Signature: [signature]

Date: 6/20/2013

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF FISH & GAME
JUN 26 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):

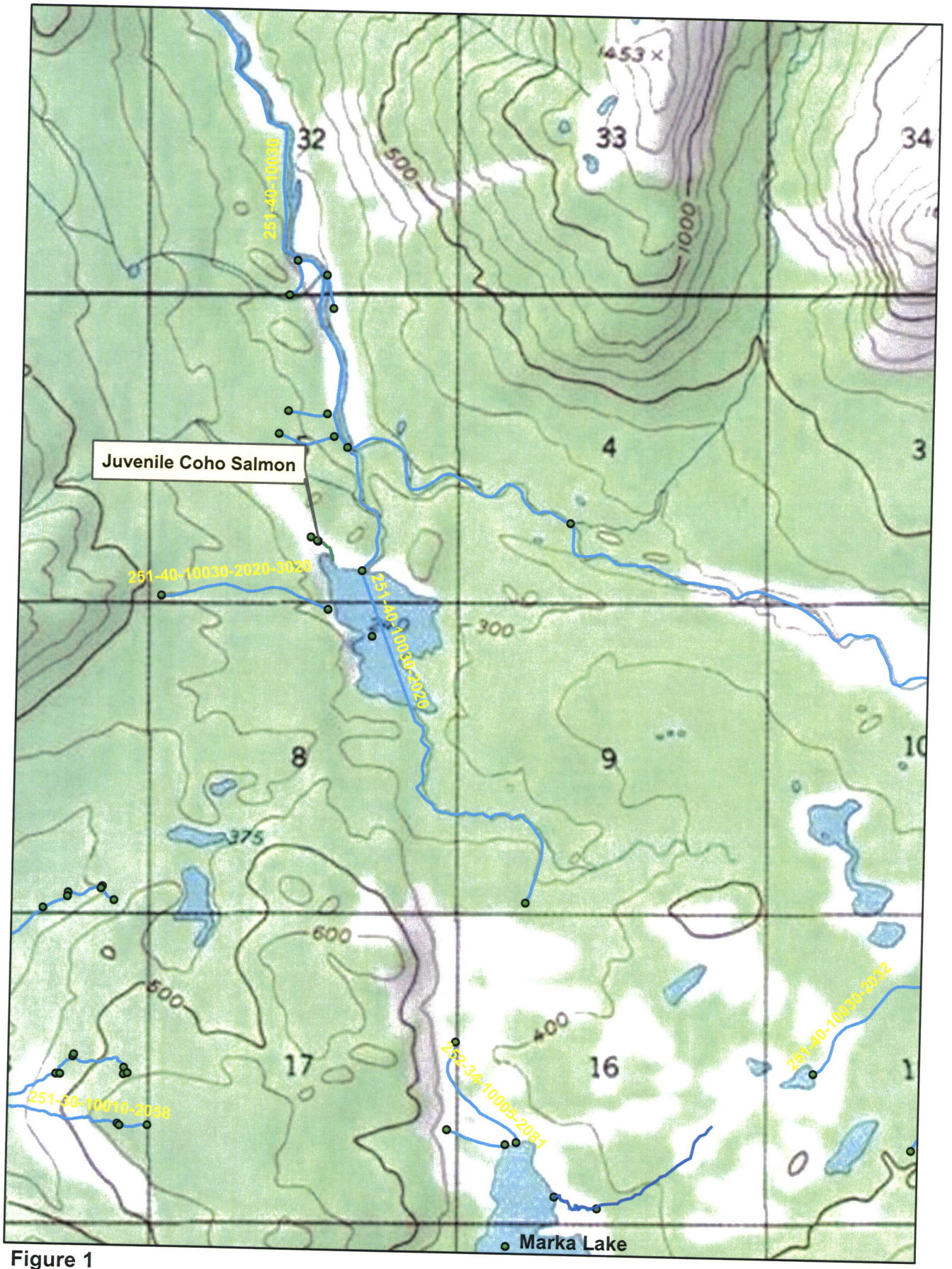

N
Juvenile Coho Salmon
251-40-10030
251-40-10030-2020-3020
251-40-10030-2020
251-60-10010-2068
252-34-10005-2084
251-40-10030-2032
Marka Lake
32
33
34
4
3
8
9
17
16
1453 x
500
1000
300
375
600
400
0
0.15
0.3
0.6
0.9
1.2
Miles
ADF&G

Figure 1


N
3-Foot High Barrier
Juvenile Coho Salmon
0
0.01
0.02
0.04
0.06
0.08
Miles
ADF&G

Figure 2

MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: June 20, 2013

PHONE NO: 267-2813

FROM: Will Frost WF
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Afognak Island
June 2013

On June 10 to 12, 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 warm.

On the afternoon of June 10, Mr. Shults and I drove the 1100 Road to Stream No. 251-82-10070. Stream No. 251-82-10070 is located on land managed by Koniag, Inc. We walked the beach below the stream outlet and used an electrofisher to sample an unnamed stream that flows into the estuary. The stream had a 6-foot high barrier at the outlet and is tidally influenced (Figure 1). We sampled about 400 linear feet of the stream (Figure 2). No fish were captured or observed. No 66-foot wide riparian retention area will be required.

On the morning of June 11, Mr. Coulter, Mr. Shults and I drove to Unit O-122 and walked up Stream No. 252-32-10040. We observed where the stream gradient becomes a barrier to fish passage. The barrier is located within 100 linear feet of the end of the specified reach.

We walked downstream and sampled about 2,000 linear feet of an unnamed tributary to Stream No. 252-32-10040 (Figure 3). We captured 25 Dolly Varden (70-80 mm fork length (FL)) (Figure 4). We ended the sampling effort at a 3-foot high barrier. The stream will be re-sampled at a later date to determine if salmon are present.

We walked to Stream No. 252-32-10040-2012. We sampled to the upper extent of the specified reach and an additional 900 linear feet to a 3-foot high barrier (Figure 5). We captured Dolly Varden. No length measurements were taken for the Dolly Varden. I used a hand held Garmin Global Positioning System to correct the location of Stream No. 252-32-10040-2012. The correct stream location will be nominated for update to the Anadromous Waters Catalog.

We sampled two additional unnamed tributaries to Stream No. 252-32-10040-2012 (Figures 6 and 7). We captured Dolly Varden in both streams. No length measurements were taken for the Dolly Varden. We ended the sampling effort where the stream gradient became a barrier to fish passage. The streams will be re-sampled at a later date to determine if salmon are present.

We drove to Little Afognak Lake (Lake No. 252-32-10010-0020). We sampled an unnamed stream that flows from an unnamed lake in Unit O-54 to Little Afognak Lake (Figure 8). The stream is about 450 linear feet long. We captured Dolly Varden. No length measurements were taken for the Dolly Varden. The lake in Unit O-54 will be trapped with baited minnow traps in July 2013, to determine if salmon are present in the lake.

On the morning of June 12, Mr. Shults and I returned to Stream No. 251-82-10070. We sampled an unnamed tributary about 1,000 linear feet above the stream outlet. We sampled about 250 linear feet of the stream until we observed that the stream gradient became a barrier to fish passage (Figure 9). We captured Dolly Varden below the barrier. The ADF&G recommend the stream below the barrier is provided with a 66-feet wide riparian retention area.

We drove to the 1125 Road in the Paramanof River watershed. We sampled an unnamed tributary to Lake No. 251-40-10030-2020-0010 (Figure 10). We sampled about 600 linear feet of the stream. We ended the sampling effort at a 3-foot high barrier. We captured 2 juvenile coho salmon (70-90 mm FL) (Figure 11). 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 June 2013.

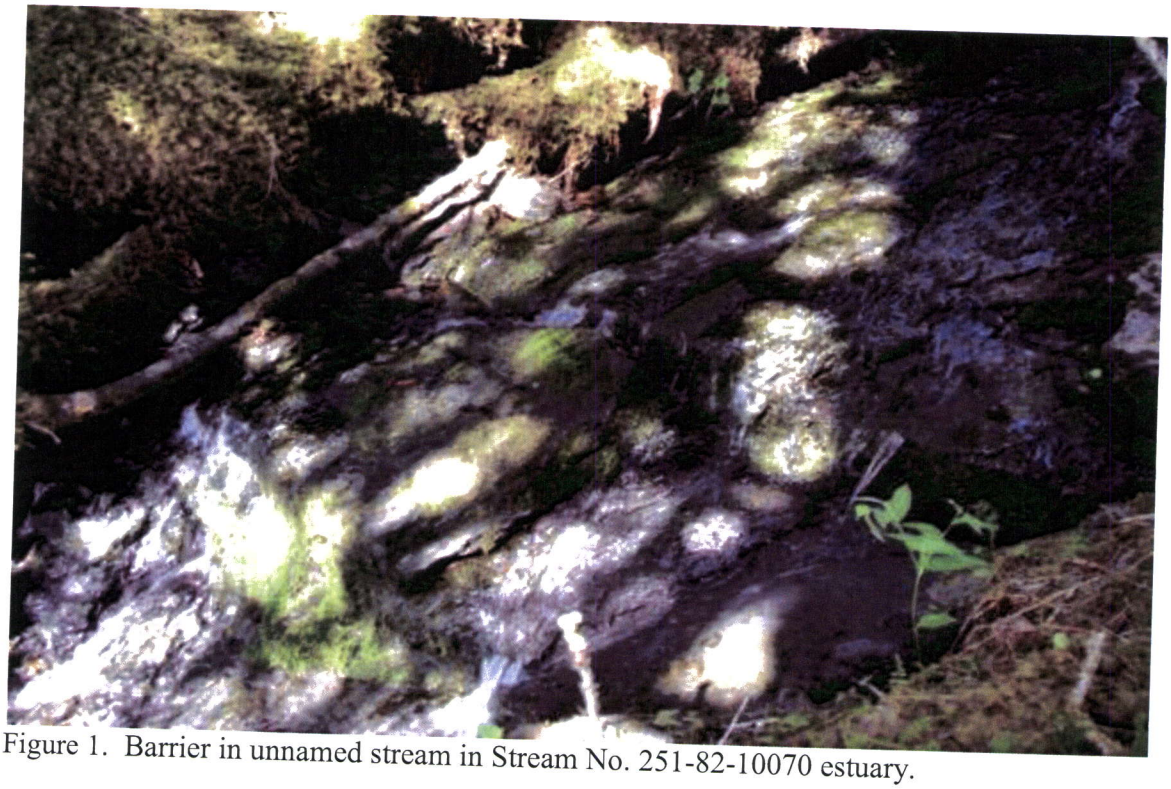


Figure 1. Barrier in unnamed stream in Stream No. 251-82-10070 estuary.

Figure 2. Sampling unnamed stream in Stream No. 251-82-10070 estuary.

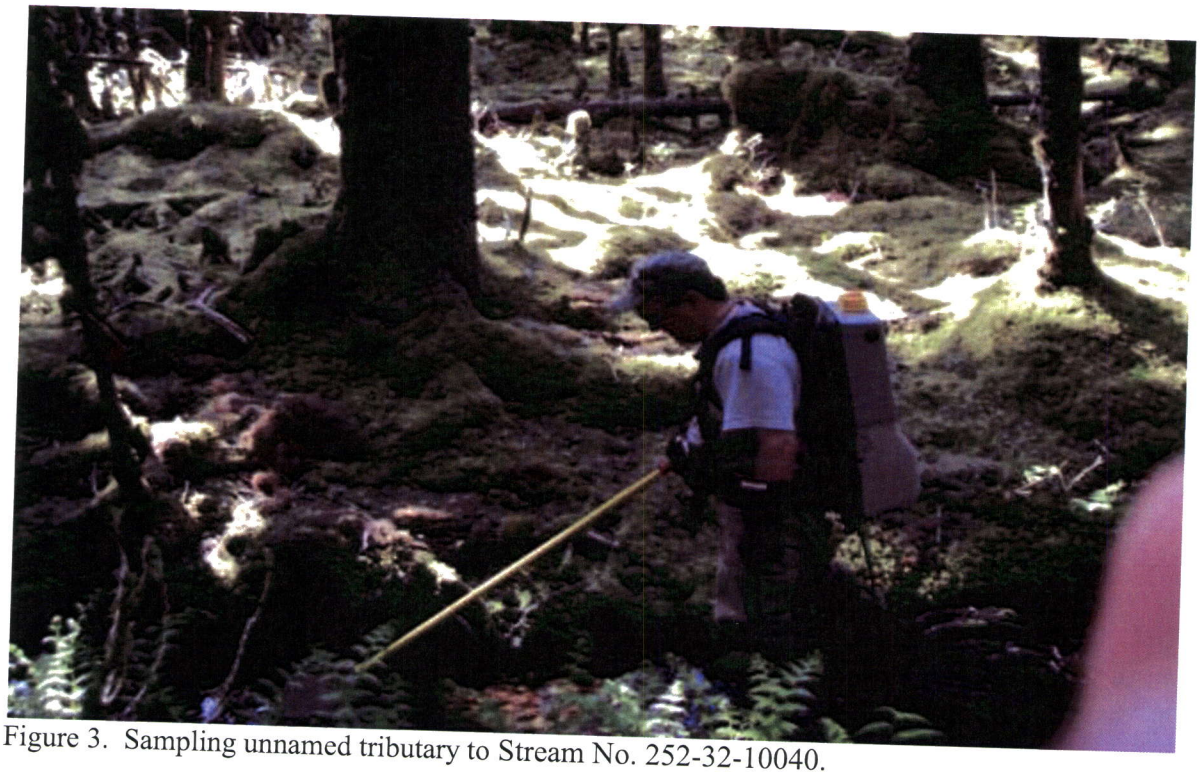


Figure 3. Sampling unnamed tributary to Stream No. 252-32-10040.

Figure 4. Dolly Varden, unnamed tributary to Stream No. 252-32-10040.

Figure 5. Sampling Stream No. 252-32-10040-2012.

Figure 6. Unnamed tributary to Stream No. 252-32-10040-2012.

Figure 7. Sampling unnamed tributary to Stream No. 252-32-10040-2012.

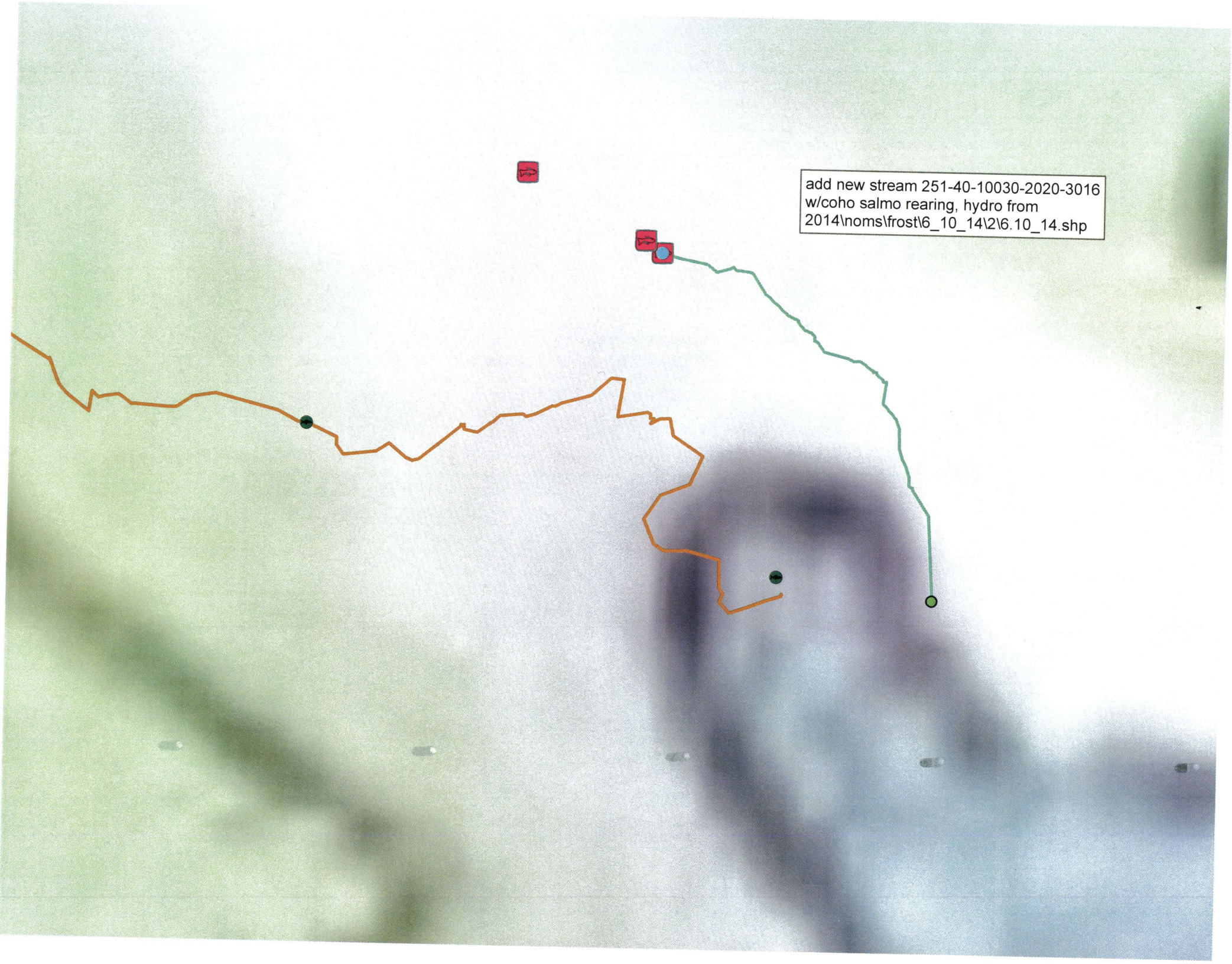
Figure 8. Sampling unnamed tributary to Lake No. 252-32-10010-0020.

Figure 9. Barrier in unnamed tributary to Stream No. 251-82-10070. View looking upstream.

Figure 10. Sampling unnamed tributary to Lake No. 251-40-10030-2020-0010.

Figure 11. Juvenile coho salmon, Lake No. 251-40-10030-2020-0010.

cc: S. Schrof, ADF&G
L. Van Daele, 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


add new stream 251-40-10030-2020-3016
w/coho salmo rearing, hydro from
2014\noms\frost\6_10_14\2\6.10_14.shp