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

Nomination Form
Anadromous Waters Catalog

Region: Southwest

USGS Quad(s): Kodiak C-1 SW

AWC Number of Water Body: 259-25-10040-2010-3020-4010

Name of Water body: Little Creek ☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination # 150187		James J Hasbrouck	8/31/2015
Revision Year: 2016		Fisheries Scientist	Date
Revision to: Atlas ____ Catalog ____ Both X		Habitat Operations Manager	8/31/15 Date
		AWC Project Biologist	6 Jun 15 Date
Revision Code: A-1, B-6		GIS Analyst	9/6/15 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho Salmon	5/21/2012 - 6/11/2012		X		☑
Pink Salmon	5/21/2012 - 6/11/2012		X		☑
Pink Salmon Bones (10)	5/21/2012			X	☑
Dolly Varden	5/21/2012			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 Extend creek w/ coho and pink salmon rearing,

During joint A-1 Timber Consultant sampling, I used an electrofisher in Little Creek in the area of proposed timber harvest activities to document the presence of anadromous fish (Figure 1). Little Creek flows into Chiniak Springs before flowing into Big Creek and the Chiniak River. Pink salmon bones were observed on the streambank in May 2012. See the June 11-12, 2012 Trip Report.

Ref nomin 12-238 this survey included data that was not used for original data for Reason one

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

Signature: _____ Date: 6/1/2015

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF FISH & GAME
JUN 02 2015

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 11/13

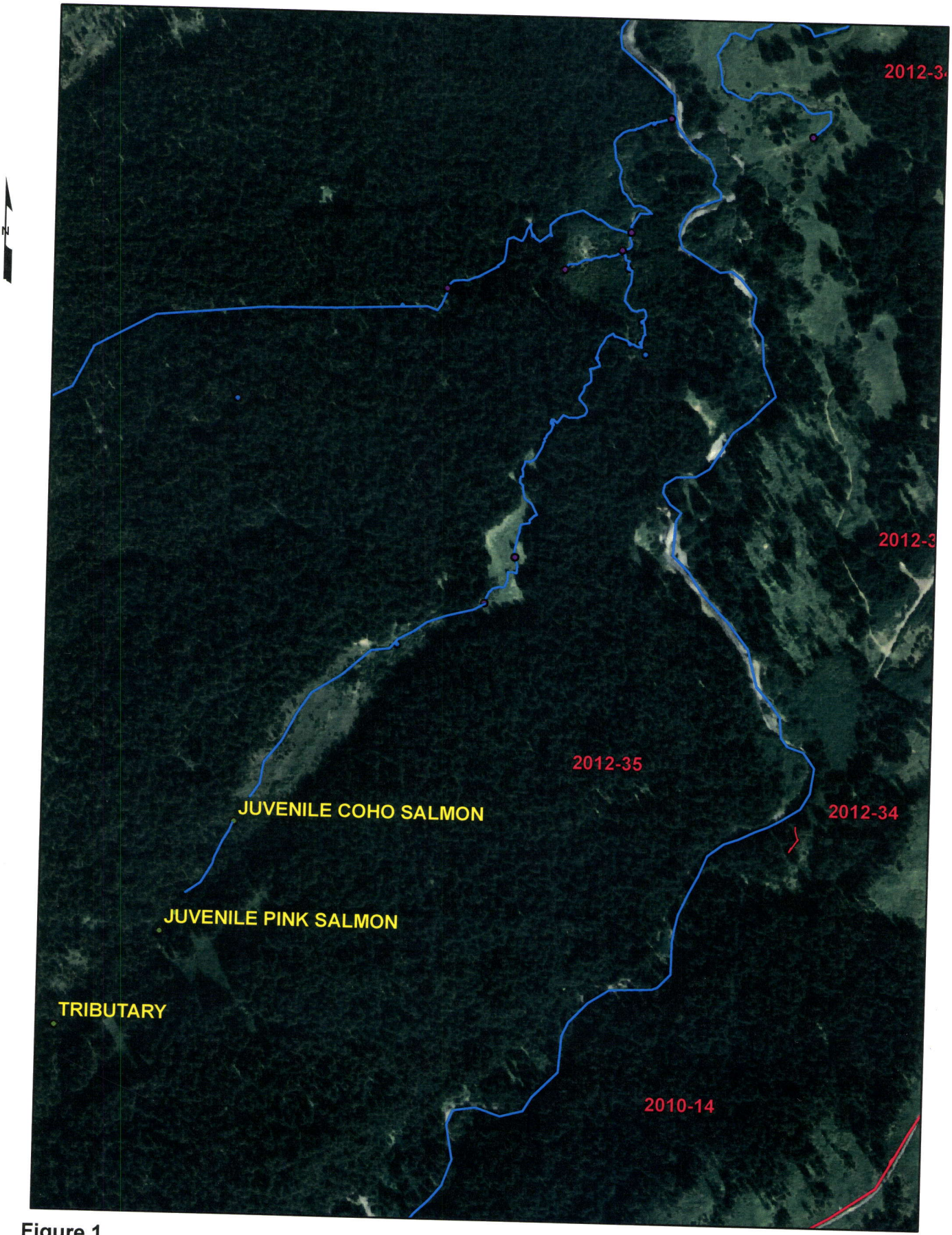
N
2012-3
2012-3
2012-35
JUVENILE COHO SALMON
2012-34
JUVENILE PINK SALMON
TRIBUTARY
2010-14
0
55
110
220
330
440
Meters
ADF&G

Figure 1

MEMORANDUM

State of Alaska
Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region Supervisor

DATE: July 3, 2012

PHONE NO: 267-2813

FROM: Will Frost
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island

On June 11-12, 2012, I joined David Nesheim, A-1 Timber Consultants (A-1) and Paul Blanche, Alaska Department of Fish and Game (ADF&G) on Kodiak 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 cloudy and cool becoming clear and mild.

On June 11, 2012, we drove from Kodiak to the Chiniak River (Stream No. 259-25-10040). At about 2:00 p.m., we used an electrofisher to sample the upper reach of "Little Creek" a tributary stream that flows into the Chiniak River adjacent to harvest Unit 2012-35. Little Creek flows into the Chiniak River at Section 32, Township 29 South, Range 18 West, Seward Meridian. The headwaters of Little Creek are located on Kodiak Island Borough land at Section 6, Township 30 South, Range 18 West, Seward Meridian. We began at the point where we stopped sampling during our May 2012 effort and worked upstream about 4,000 linear feet (Figure 1). Sampling captured 4 juvenile coho salmon (15 to 70 mm fork length (FL)), 7 young-of-year pink salmon (15 mm FL), and 20 Dolly Varden. No length measurements were taken from the Dolly Varden. We located a two foot wide tributary stream near the headwaters of Little Creek. The stream gradient was about 15% with step pools. About 500 feet above the confluence we located a 4-foot high barrier (Figure 2). No fish habitat exists above the barrier. We did not sample the tributary below the barrier. We continued up Little Creek an additional 700 feet to the headwaters. The additional anadromous fish habitat we located on this sampling effort will be nominated to the Anadromous Waters Catalog.

On June 12, 2012, we walked into Capelin Creek (Stream No. 259-25-10030) to sample streams that flow into the creek adjacent to harvest Unit 2012-40. We began sampling an unnamed 5-foot wide tributary in a meadow, working downstream (Figure 3). We did not capture or observe any fish. The channel became steep and highly incised, with blow down timber from an old harvest unit (Figure 4). We located a 20-foot high barrier at Section 1, Township 30 South, Range 19 West, Seward Meridian (Figure 5). We sampled below the barrier to Capelin

Creek and captured 10 Dolly Varden (45 to 95 mm FL). No salmon were captured or observed in the unnamed tributary below the barrier. We walked up Capelin Creek about 3,500 linear feet sampling a select number of pools. We captured 4 young-of-year pink salmon (35 mm FL (Figure 6). The addition of juvenile pink salmon rearing will be nominated to the Anadromous Waters Catalog. We located a 5-foot 7-inch high barrier in Capelin Creek (Figure 7). The barrier is a blockage to juvenile fish, but may not be a barrier to adult fish. The Anadromous Waters Catalog indicates coho and pink salmon spawn above the barrier. I have requested an additional Kodiak area fish biologist to accompany me to the barrier on the July 2012 survey to give a second opinion. We located a second five foot wide unnamed tributary to Capelin Creek located above the barrier. We sampled about 2,500 linear feet to an old beaver pond. We captured 21 Dolly Varden (45 to 145 mm FL).

The ADF&G is currently planning on returning to Kodiak for a sampling effort on July 12 and 13, 2012.

Figure 1. Sampling Little Creek, view to south.

Figure 2. Barrier on tributary of Little Creek.

Figure 3. Sampling an unnamed tributary of Capelin Creek.

Figure 4. Blow down timber below the barrier on the unnamed tributary of Capelin Creek.

Figure 5. Barrier on unnamed tributary of Capelin Creek.

Figure 6. Young-of-year pink salmon in Capelin Creek.

Figure 7. Barrier in Capelin Creek.

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, DOF
B. Cassidy, KIB
B. Scholze, KIB
D. Nesheim, A-1
T. Loushin, A-1
V. Veeh, Leisnoi Inc.
D. Lukin, Leisnoi Inc.
K. Potts, Leisnoi Inc.

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

Nomination Form
Anadromous Waters Catalog

Region: Southwest

USGS Quad(s): Kodiak C-1

Anadromous Waters Catalog Number of Waterway: 259-25-10040- 2010 - 3020- 4010

Name of Waterway: "LittleCreek"

☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	12[illegible]8		
Revision Year:	2013	Fisheries Scientist	7/4/12 Date
Revision to:	Atlas ____ Catalog ____ Both X	Habitat Operations Manager	9/4/12 Date
		AWC Project Biologist	9 July 12 Date
Revision Code:	A-2	Cartographer	10/5/12 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho Salmon (4)	5/21/2012 - 6/11/2012		X		☑
YOY Pink Salmon (24)	5/21/2012 - 6/11/2012		X		☑
Pink Salmon Bones (10)	5/21/2012			X	☑
Dolly Varden	5/21/2012			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

add new stream w/ coho and pink salmon REARING

During joint A-1 Timber Consultant sampling, I used an electrofisher in Little Creek in the area of proposed timber harvest activities to document the presence of anadromous fish (Figures 1 and 2). Little Creek flows into Chiniak Springs before flowing into Big Creek and the Chiniak River. Pink salmon bones were observed on the streambank in May 2012. See the June 11-12, 2012 Trip Report.

Ref number 12-291, 239

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

Signature: [signature]

Date: 7/1/2012

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

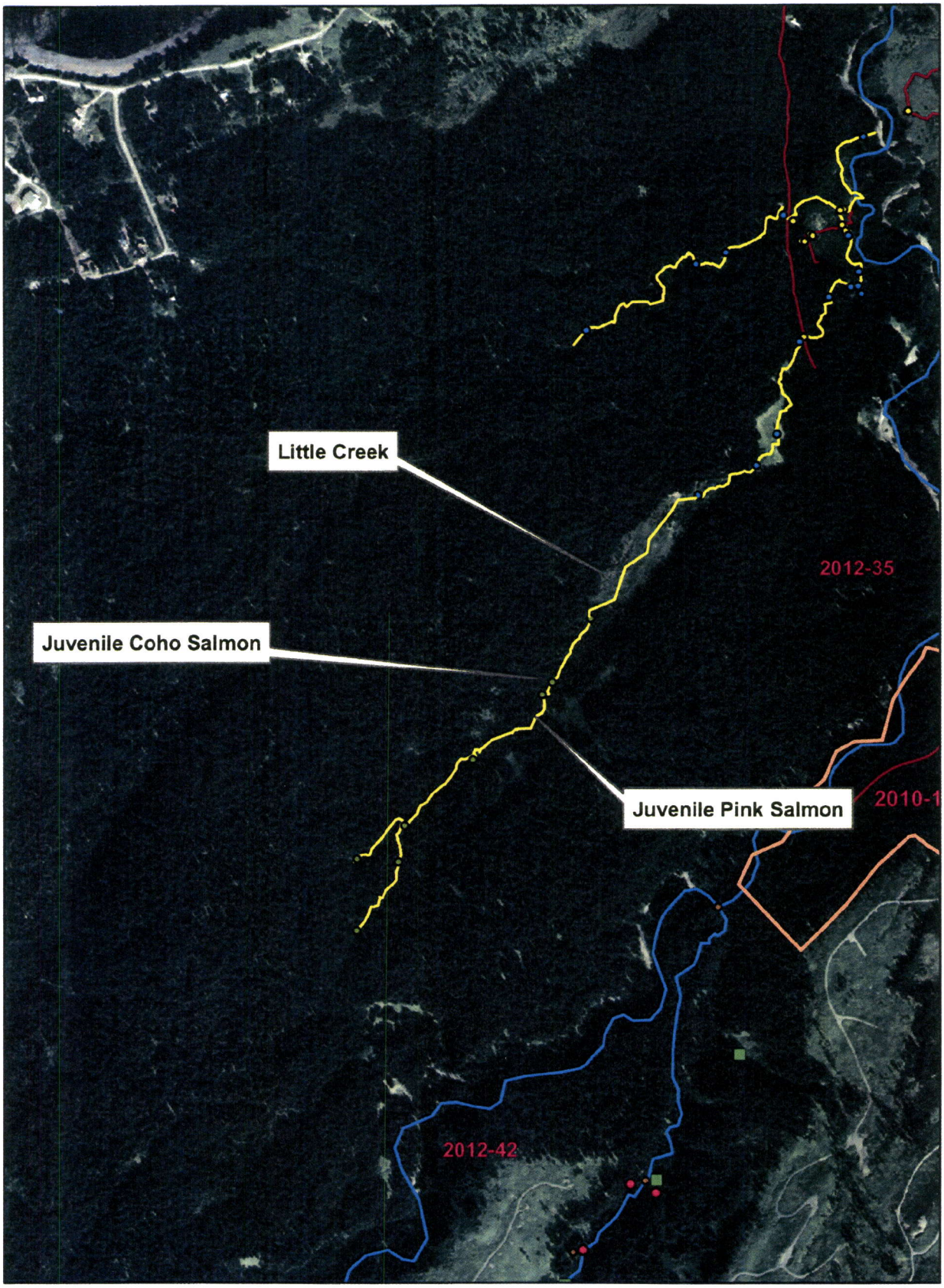

Figure 1

ADF&G

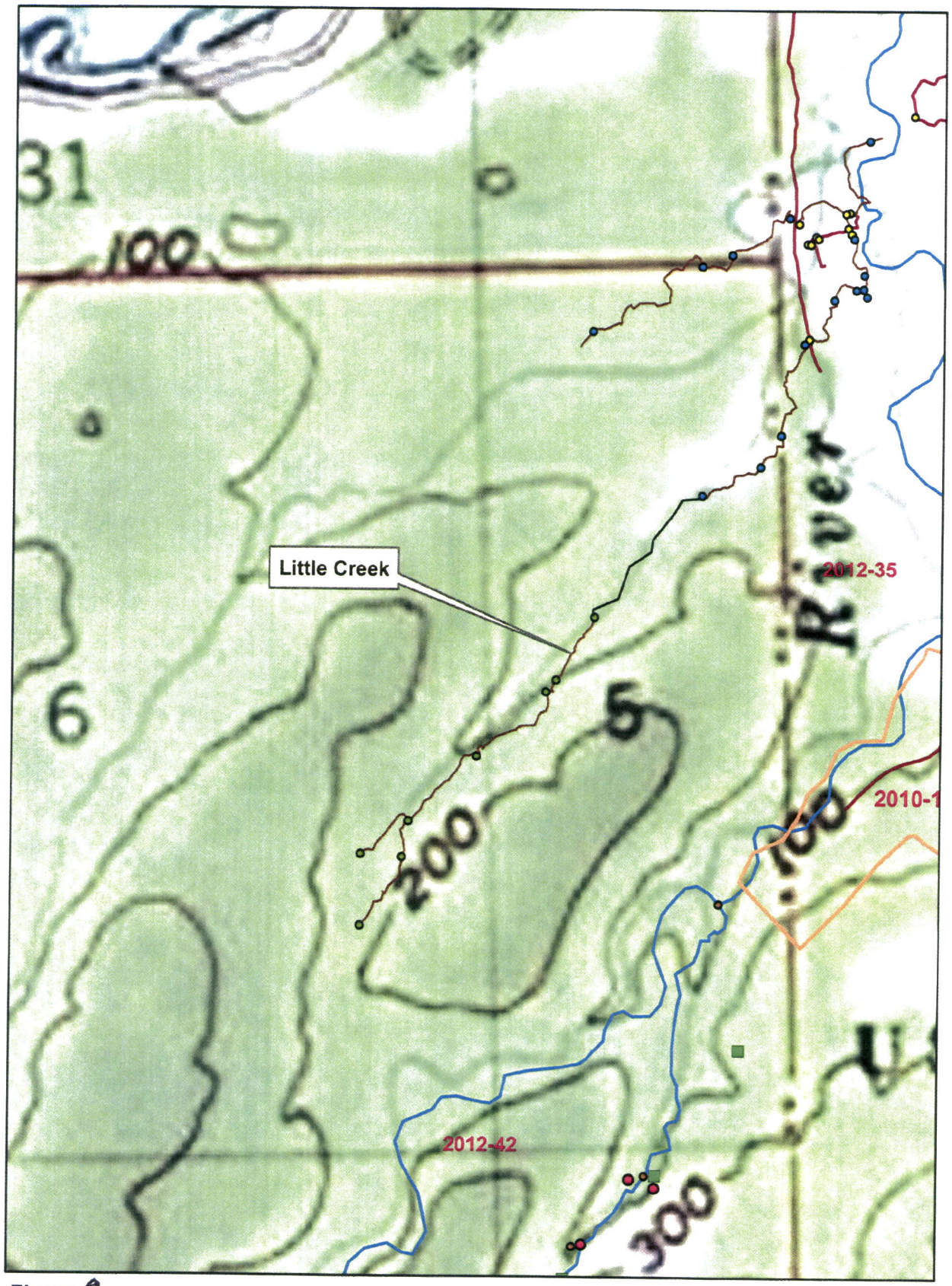

Figure 2

ADF&G

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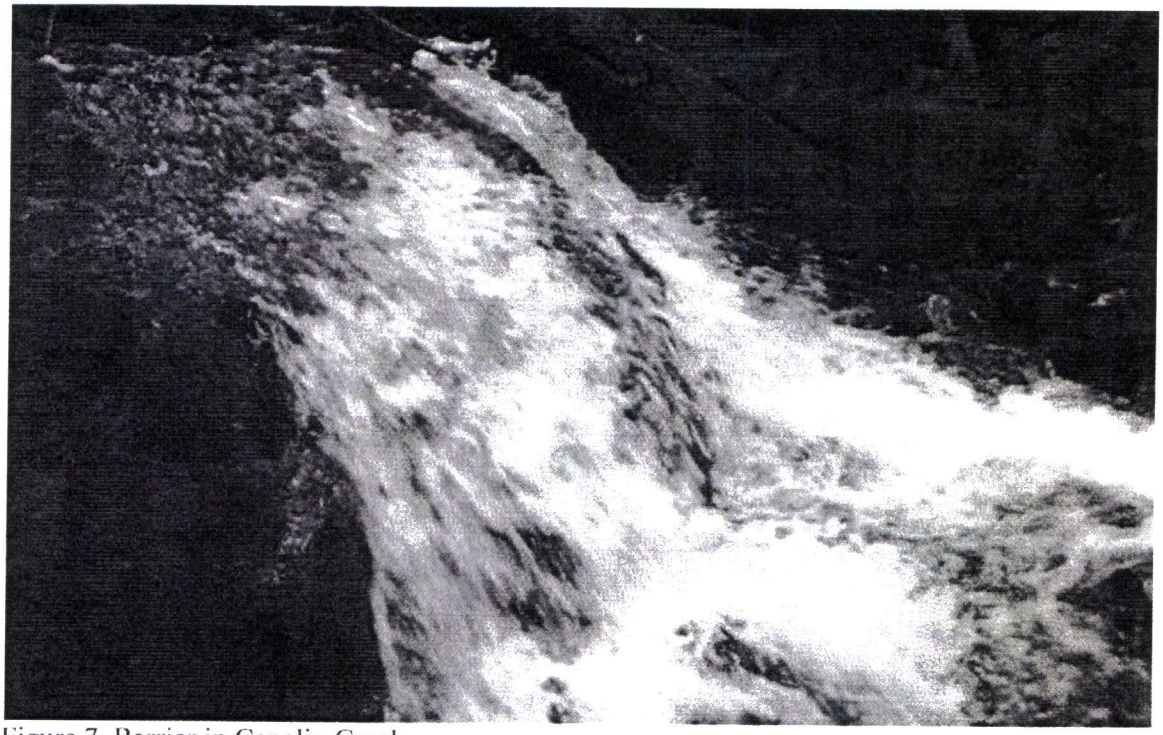
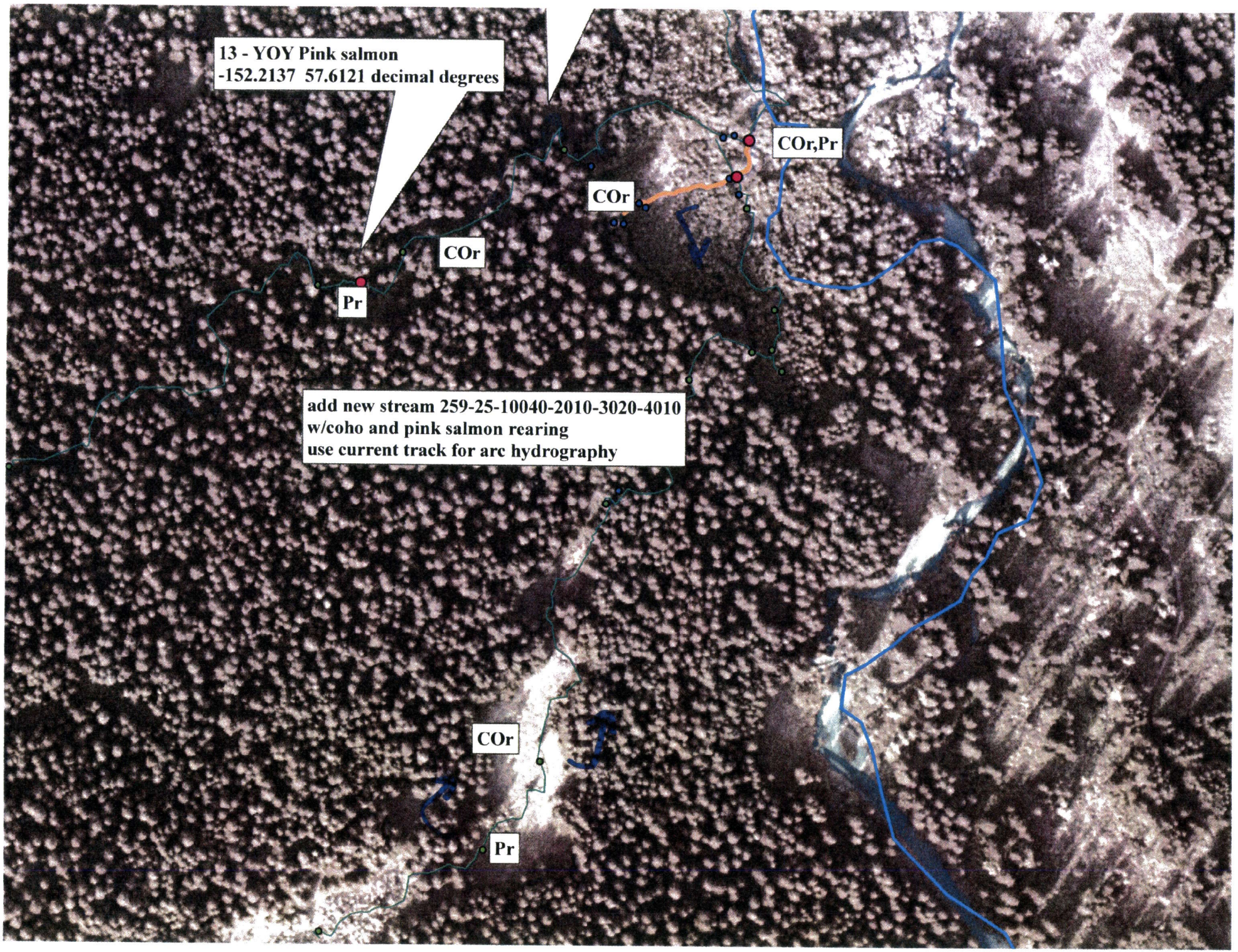
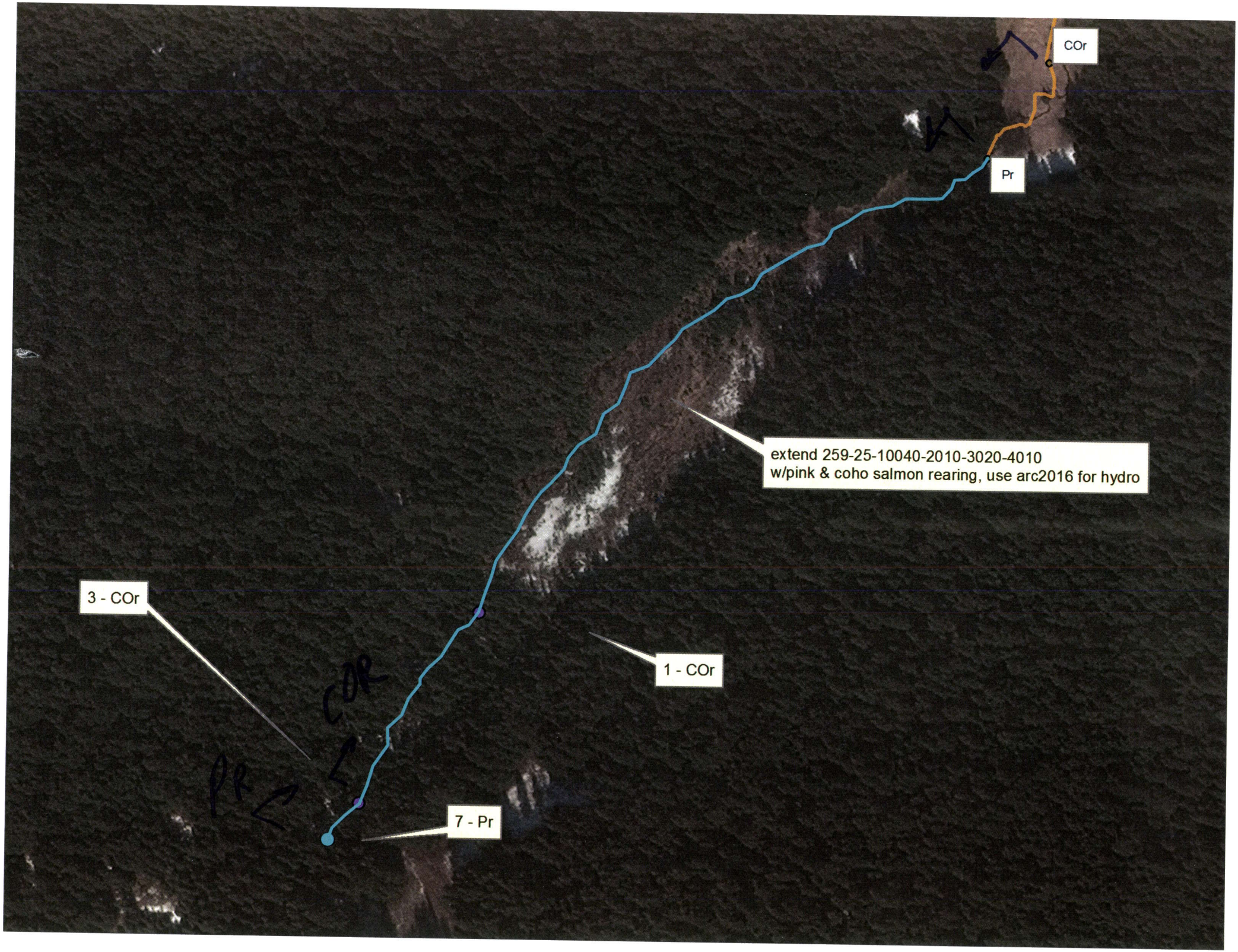


Figure 7. Barrier in Capelin Creek.

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, DOF
B. Cassidy, KIB
B. Scholze, KIB
D. Nesheim, A-1
T. Loushin, A-1
V. Veeh, Leisnoi Inc.
D. Lukin, Leisnoi Inc.
K. Potts, Leisnoi Inc.


13 - YOY Pink salmon
-152.2137 57.6121 decimal degrees
COr,Pr
COr
COr
Pr
add new stream 259-25-10040-2010-3020-4010
w/coho and pink salmon rearing
use current track for arc hydrography
COr
Pr


COr
Pr
extend 259-25-10040-2010-3020-4010
w/pink & coho salmon rearing, use arc2016 for hydro
3 - COr
1 - COr
7 - Pr