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

Nomination Form
Anadromous Waters Catalog

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Region: Southwest

USGS Quad(s): Kodiak C-1, C-1 SW

Anadromous Waters Catalog Number of Waterway: 259-25-10020- 2030

Name of Waterway: Unnamed Tributary West Fork Twin Creek

☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	140071	James J Hasbrouck Fisheries Scientist	9/3/2014 Date
Revision Year:	2015	[signature] Habitat Operations Manager	9/3/14 Date
Revision to:	Atlas ____ Catalog ____ Both X	[signature] AWC Project Biologist	6/11/14 Date
Revision Code:	A-2	TL Cartographer	9/12/14 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (2)	5/2/2014		X	~~X~~	☑
					☐
					☐
					☐
					☐

Refnumb
14-076
14-070
14-078
14-077
14-075
14-074
14-073
14-072

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 joint AKSSF and A-1 Timber fish sampling, I used an electrofisher to sample an unnamed tributary to West Fork Twin Creek. See the May 1-2, 2014 Trip Report. We observed an additional 25 juvenile coho salmon.

Add newstream w/ coho salmon Rearing
Revise 259-25-10020 hydro as needed

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

Signature: [signature] Date: 5/7/2014

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF FISH & GAME
MAY 12 2014

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):

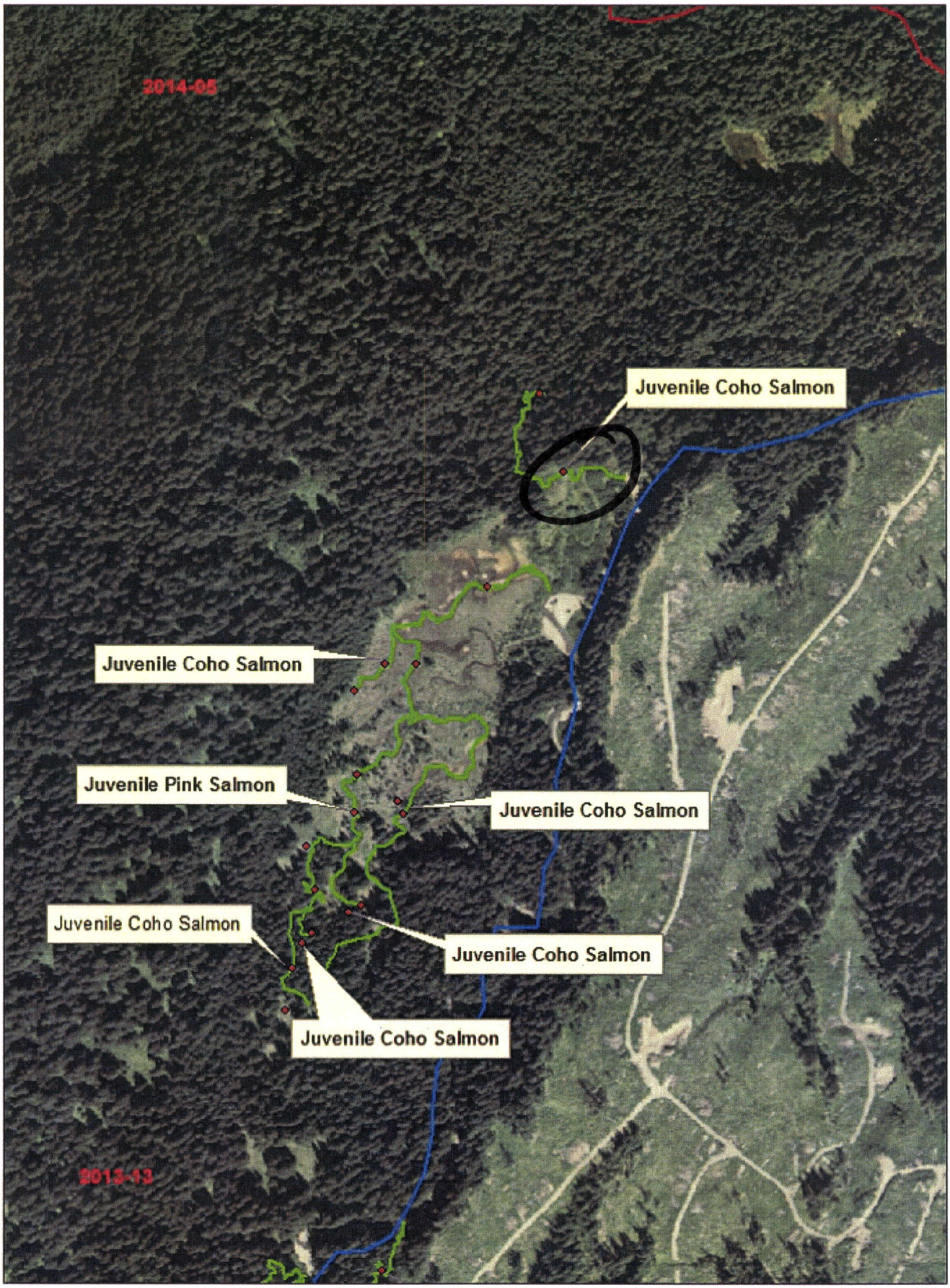


Figure 1

ADF&G

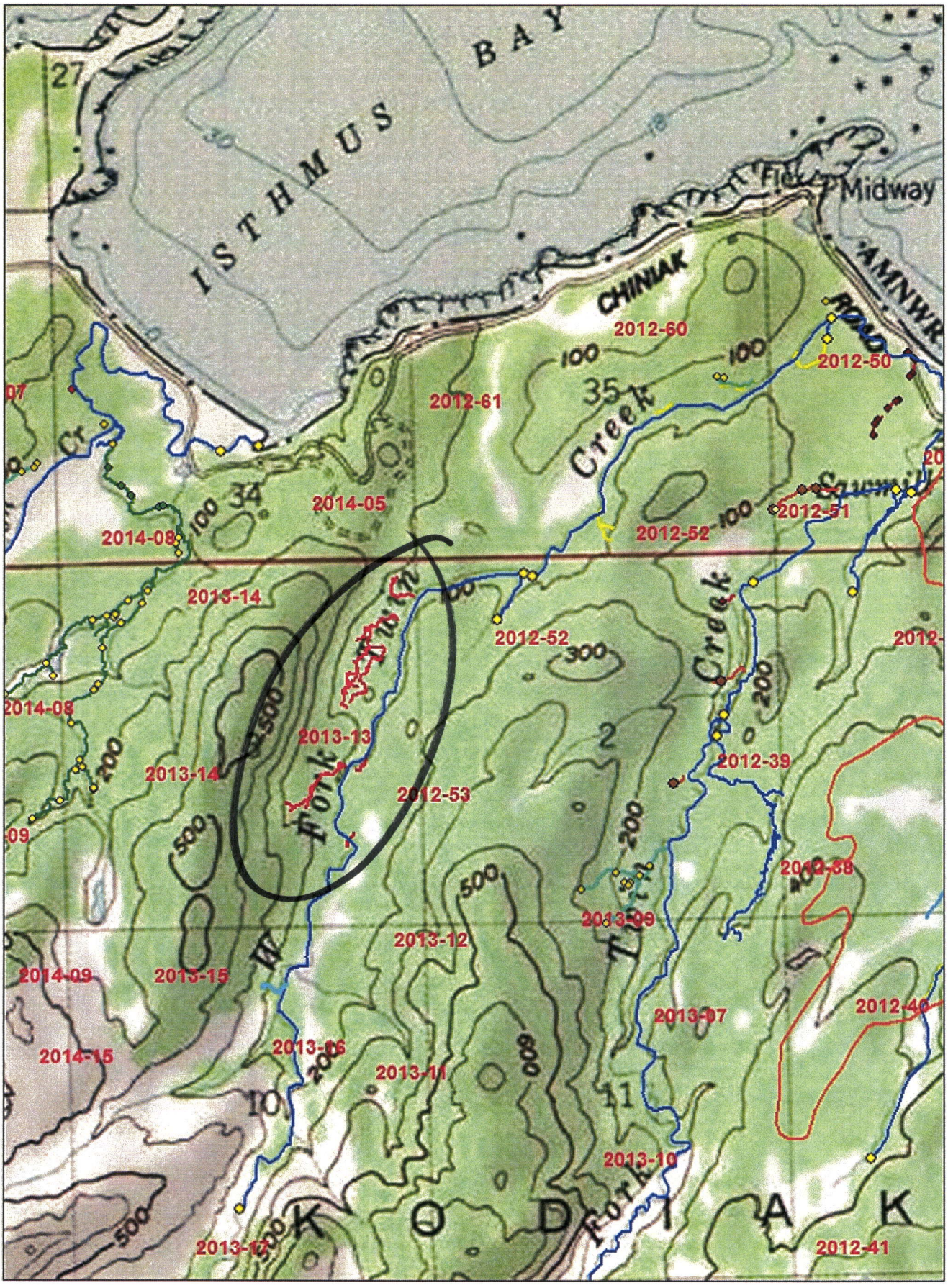


Figure 2

ADF&G

Meters
0 225 450 900 1,350 1,800

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: Kodiak Island
May 2014

On May 1 and 2, 2014, I joined David Nesheim, A-1 Timber Consultants (A-1) and Josh Brekken, 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 clear and unseasonably warm.

On the morning of May 1, we drove to Chiniak and walked up West Fork Twin Creek (Stream No. 259-25-10020) to an unnamed tributary in Unit 2013-15. We used an electrofisher to sample about 140 meters of the upper reach of the stream (Figure 1). The lower reach was dry. No fish were captured or observed. We ended our survey where the stream gradient became a barrier. A-1 will provide a voluntary 66-feet wide riparian retention area to about 140 meters of the stream below the barrier in the same area we sampled.

We walked down West Fork Twin Creek to an unnamed tributary in Unit 2013-13. We sampled about 140 meters of the stream. We captured 6 juvenile coho salmon (23-60 mm fork length (FL)) and 15 Dolly Varden (15-55 mm FL). The unnamed stream will be nominated to the Anadromous Waters Catalog.

We walked down West Fork Twin Creek to an unnamed tributary in Unit 2013-13. We sampled about 590 meters of the stream. We captured 7 young-of-year pink salmon (25-40 mm FL) (Figure 2) and 48 Dolly Varden (32-55 mm FL). We observed about 10 salmon bone piles along the streambanks, which are likely pink salmon, because of the length of the intact bones and the presence of young-of-year pink salmon (Figure 3). The survey ended where the stream gradient became a barrier. The unnamed stream will be nominated to the Anadromous Waters Catalog. Two additional tributaries that flow into this stream were also sampled. We ended our surveys in these streams where the gradient became a barrier. No fish were captured or observed. A-1 will

provide a voluntary 66-foot riparian retention area adjacent to these secondary tributaries.

We walked across West Fork Twin Creek to an unnamed tributary. We sampled about 185 meters of the stream. We captured 4 juvenile coho salmon (52-55 mm FL). The stream ended at a spring (Figure 4). The unnamed stream will be nominated to the Anadromous Waters Catalog.

On the morning of May 2, we returned to West Fork Twin Creek in Unit 2013-13. We sampled an additional five unnamed tributaries that flow from springs located above an old beaver pond (Figure 5). The beaver dam has deteriorated and a grass meadow has replaced the pond (Figure 6). We sampled about 940 meters of the main stream upstream to the headwater. We captured 15 juvenile coho salmon (30-95 mm FL), 9 young-of-year pink salmon (33-36 mm FL), and 40 Dolly Varden (35-90 mm FL) (Figures 7 and 8). We walked downstream and sampled the second tributary about 130 meters to the headwater (Figure 9). We captured 2 juvenile coho salmon (65 and 75 mm FL). We walked downstream to the third tributary and sampled about 90 meters to the headwater. We captured 3 juvenile coho salmon (55-75 mm FL). We walked downstream to the fourth tributary and sampled about 500 meters to the headwater. We captured 4 juvenile coho salmon (55-90 mm FL) and observed an additional 300 juvenile coho salmon. We walked downstream to the fifth tributary and walked up the tributary about 90 meters and observed about 10 juvenile coho salmon. The five tributaries will be nominated to the Anadromous Waters Catalog.

We walked down West Fork Twin Creek to an unnamed tributary and sampled about 290 meters of the stream. We captured 2 juvenile coho salmon (50 and 80 mm FL) and observed an additional 25 juvenile coho salmon in the lower reach. We ended our survey when the stream became too shallow and no additional fish were captured. The unnamed stream will be nominated to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Kodiak for a sampling effort in mid May 2014.

Figure 1. Mr. Frost sampling an unnamed tributary to West Fork Twin Creek in Unit 2013-15.

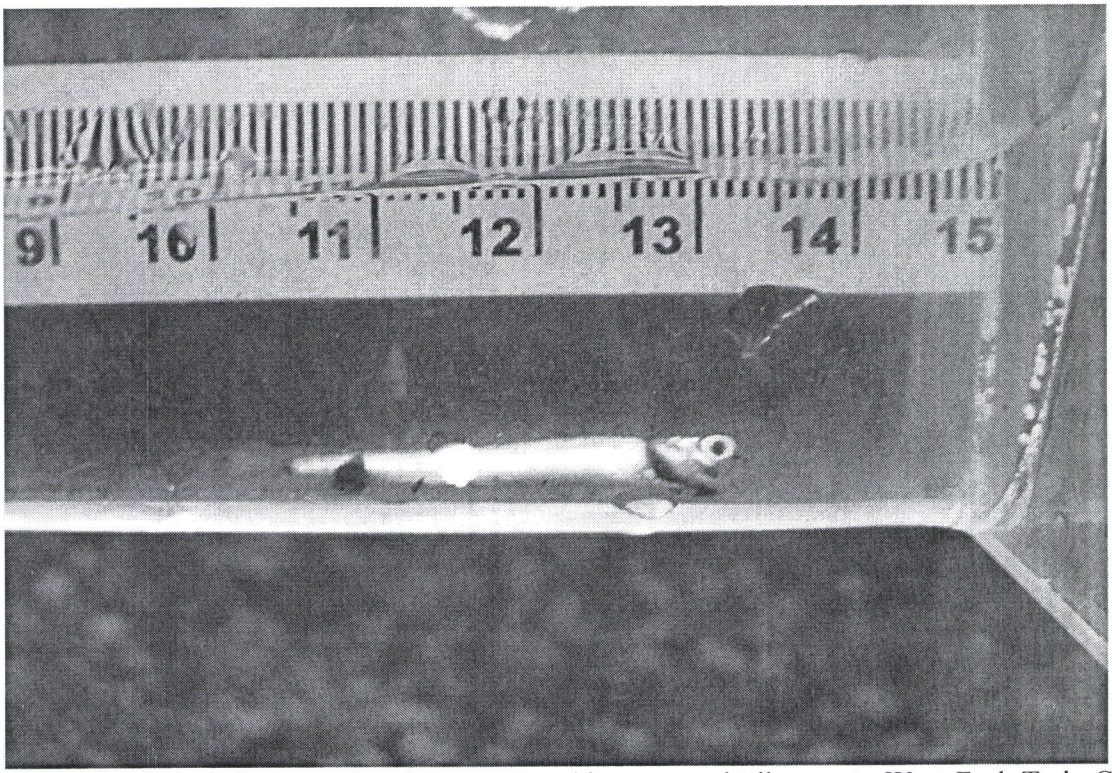


Figure 2. Young-of-year pink salmon captured in unnamed tributary to West Fork Twin Creek in Unit 2013-13.

Figure 3. Pink salmon bones located in an unnamed tributary to West Fork Twin Creek in Unit 2013-13.

Figure 4. Spring fed unnamed tributary to West Fork Twin Creek in Unit 2013-13.

Figure 5. Spring fed unnamed tributary in West Fork Twin Creek in Unit 2013-13.

Figure 6. Old beaver dam pond area in an unnamed tributary to West Fork Twin Creek in Unit 2013-13.

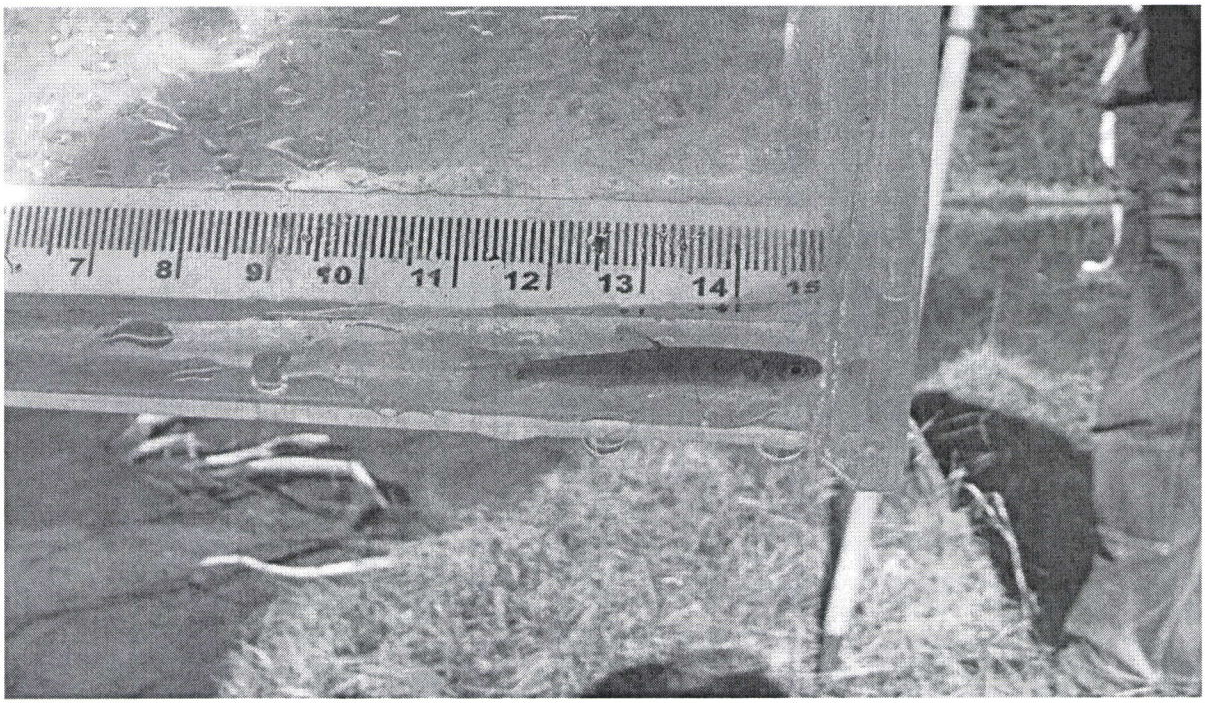


Figure 7. Juvenile coho salmon captured in an unnamed tributary to West Fork Twin Creek in Unit 2013-13.

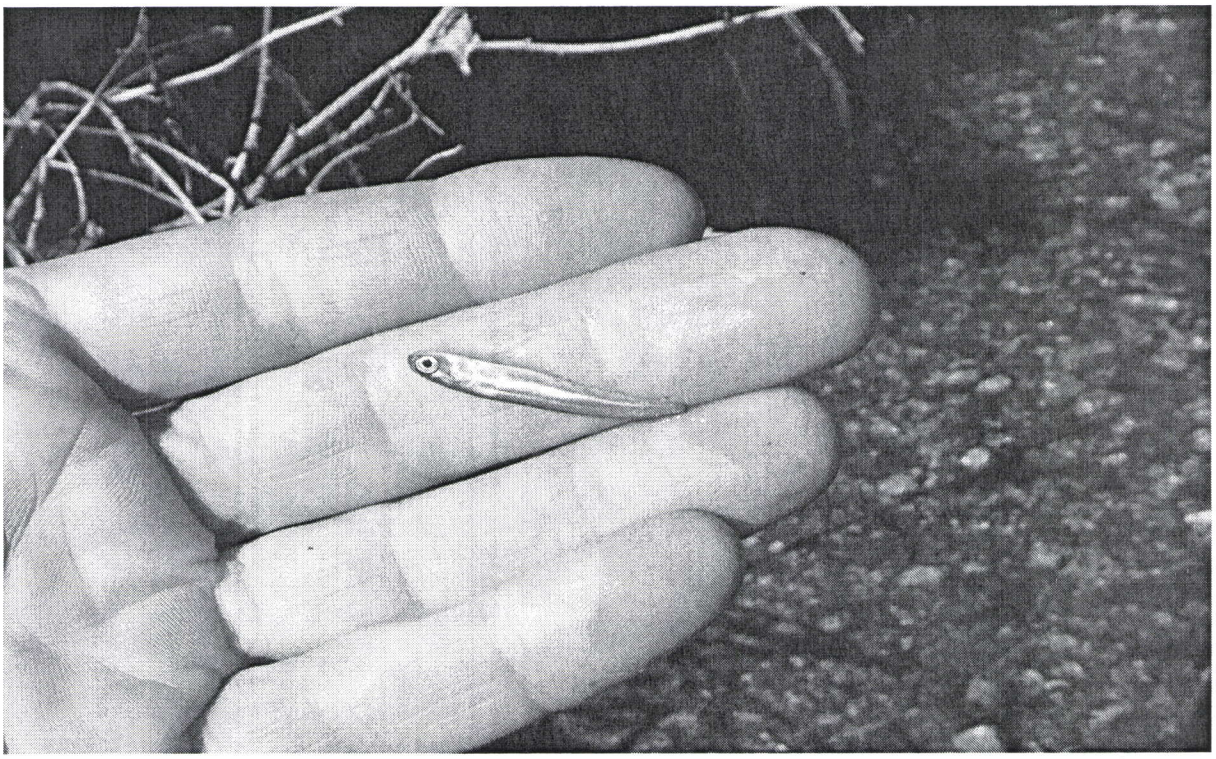
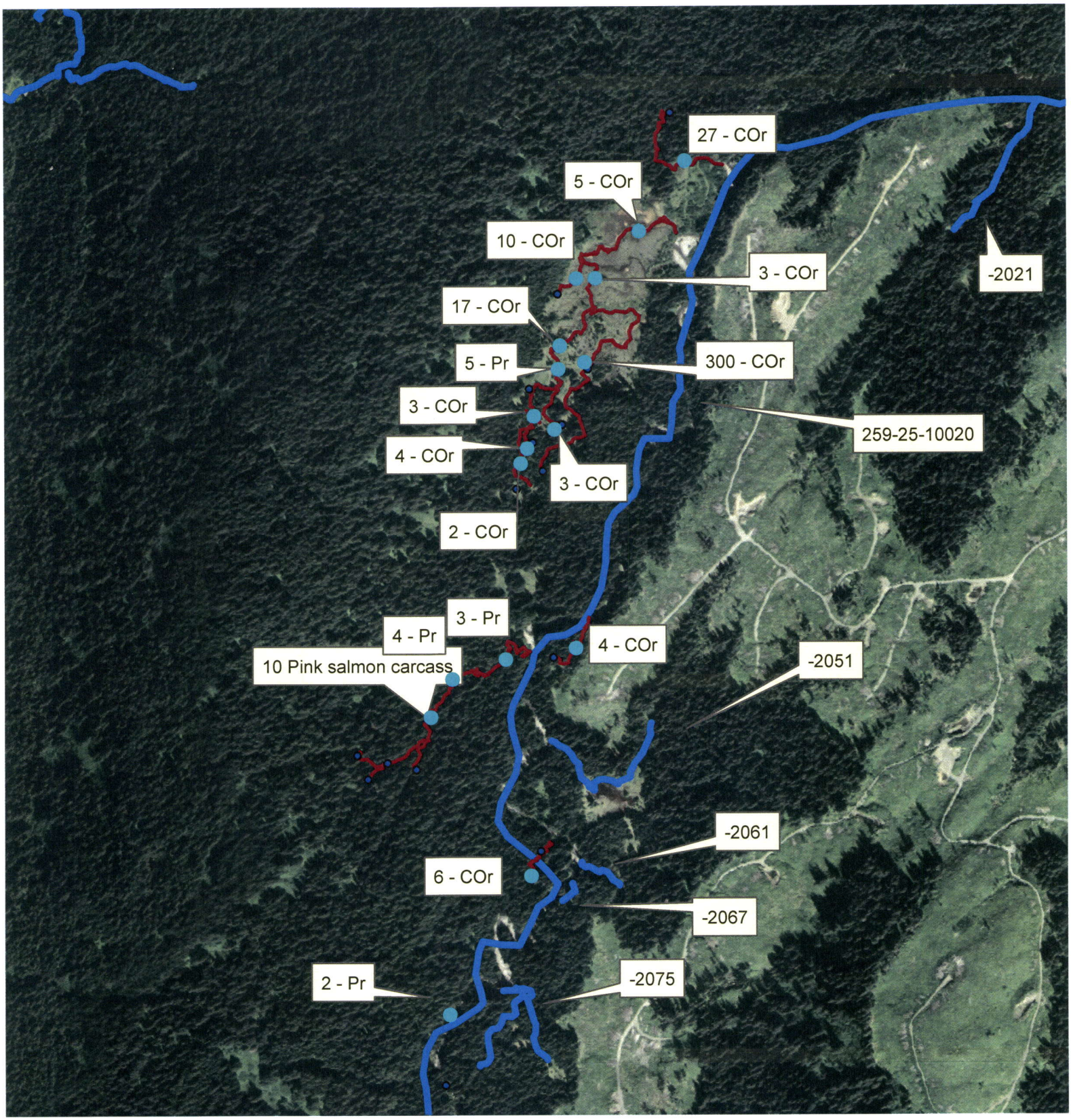


Figure 8. . Young-of-year pink salmon captured in an unnamed tributary to West Fork Twin Creek in Unit 2013-13.

Figure 9. Mr. Brekken sampling an unnamed tributary to West Fork Twin Creek in Unit 2013-13.

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, 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.


27 - COr
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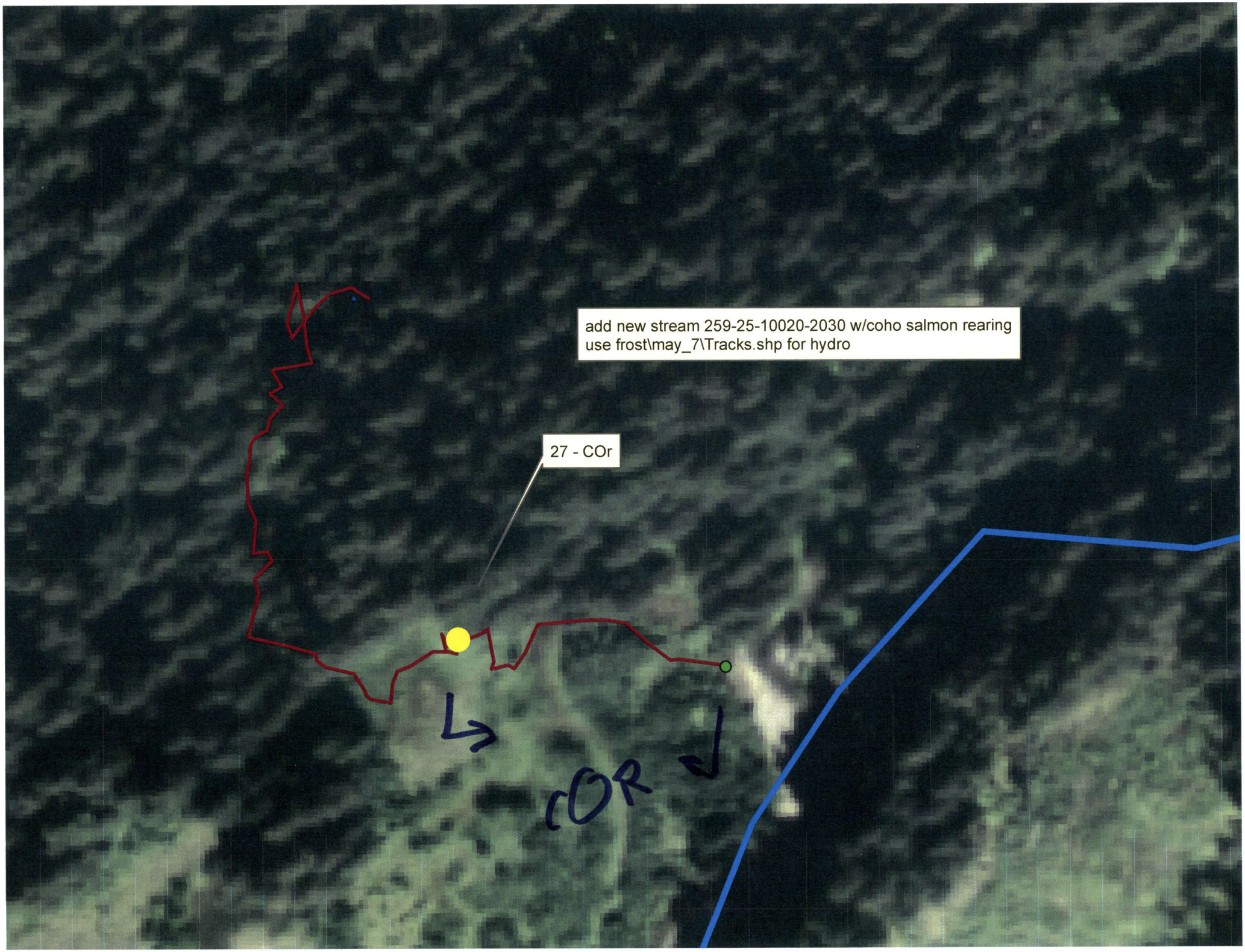
10 - COr
3 - COr
-2021
17 - COr
5 - Pr
300 - COr
3 - COr
259-25-10020
4 - COr
3 - COr
2 - COr
3 - Pr
4 - Pr
4 - COr
10 Pink salmon carcass
-2051
-2061
6 - COr
-2067
2 - Pr
-2075


add new stream 259-25-10020-2030 w/coho salmon rearing
use frost\may_7\Tracks.shp for hydro
27 - COr
COR