



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

Nomination Form
Anadromous Waters Catalog

4

Region Southwest USGS Quad(s) Kodiak C-2, C-2SE
 Anadromous Waters Catalog Number of Waterway 259-25-10010-2180
 Name of Waterway Unnamed Tributary Roslyn Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>140230</u>	<u>James J. Hasbrouck</u> Fisheries Scientist	<u>9/3/2014</u> Date
Revision Year: <u>2015</u>	<u>Will Frost</u> Habitat Operations Manager	<u>9/3/14</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>Will Frost</u> AWC Project Biologist	<u>7/3/14</u> Date
Revision Code: <u>A-1</u>	<u>Will Frost</u> Cartographer	<u>9/12/14</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (3)	6/18/2014		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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 joint AKSSF and A-1 Timber Consultant sampling, we captured juvenile coho salmon in an unnamed tributary of Roslyn Creek (Figure 1, IDENT 136). See the June 17-18, 2014 trip report.

Extend stream w/ coho salmon REARING

ref nom # 14-229

Name of Observer (please print): Will Frost, Habitat Biologist
 Signature: [Signature] Date: 6/30/2014
 Agency: ADF&G, Division of Habitat
 Address: 333 Raspberry Road
Anchorage, AK 99518

ALASKA DEPT. OF
FISH & GAME

This certifies that in my best professional judgment and belief the above information is evidence that this water body should be included in or deleted from the Anadromous Waters Catalog.

JUL 1 2014

Signature of Area Biologist: _____ Date: _____ Revision 05/08
 Name of Area Biologist (please print): _____

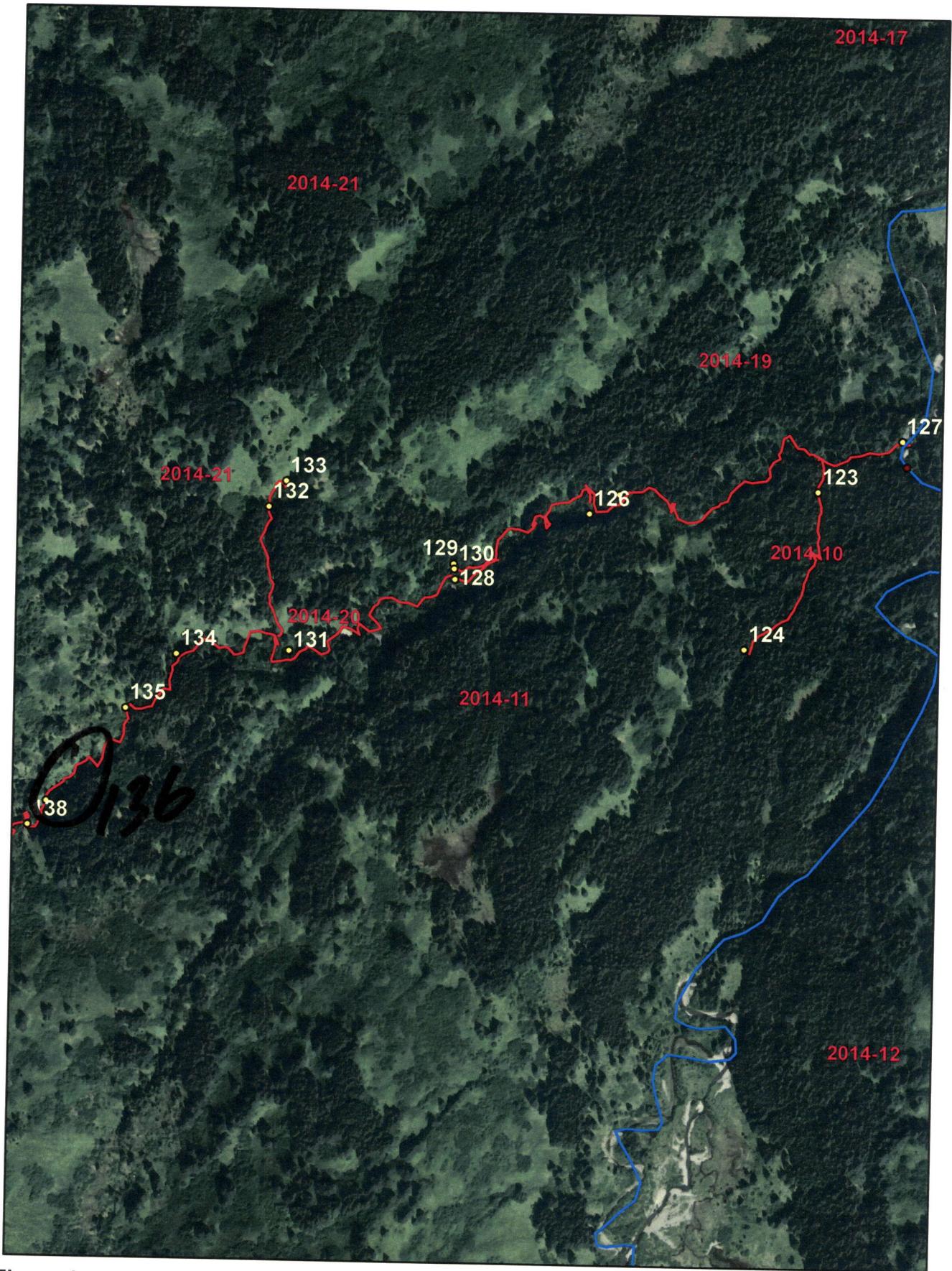


Figure 1

0 75 150 300 450 600 Meters

ADF&G

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: July 1, 2014

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island
June 2014

On June 17 and 18, 2014, I joined David Nesheim, A-1 Timber Consultants (A-1) and Jacob Cunha, 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 warm.

On the morning of June 17, we drove to Chiniak and walked up Roslyn Creek (Stream No. 259-25-10010) in Unit 2014-08. We used an electrofisher to sample two unnamed tributaries that were moderately incised and less than 1.5 meters wide. We sampled 40 meters of the first tributary ending our survey at a barrier. We captured 5 juvenile coho salmon (37-45 mm fork length (FL)). We continued up Roslyn Creek and sampled 110 meters of the second unnamed tributary. We captured 2 juvenile coho salmon (55 mm FL). The two tributaries will be nominated to the Anadromous Waters Catalog.

We sampled 85 meters of an additional moderately incised tributary less than 1.5 meters wide. The stream was dry near the confluence with Roslyn Creek. No fish were captured or observed. The stream was determined to be a Type C stream channel, as defined by FRPA.

We sampled 300 meters of an unnamed tributary that flowed parallel to Roslyn Creek and may have been an abandoned stream fork (Figure 1). The stream ended in a meadow. We captured 2 juvenile coho salmon (55 and 65 mm FL) and observed an additional 50 juvenile coho salmon. The unnamed stream will be nominated to the Anadromous Waters Catalog.

We continued up Roslyn Creek and located a "Big Tributary" to the creek (Figure 2). The lower end of Big Tributary is located in Unit 2014-10. The stream channel width is about 12 meters wide. We observed juvenile coho salmon in the lower reach of Big Tributary. We walked up the creek 150 meters and located the first unnamed tributary to Big Tributary. The tributary was moderately incised and less than 1.5 meters wide. We sampled 390 meters of the tributary. We captured 10 young-of-year Dolly Varden (25-30 mm FL). Mr. Nesheim and I located a 1 meter high barrier. A-1 will voluntarily provide a riparian retention area below the barrier in the unnamed tributary.

We walked up Big Tributary an additional 500 meters and located an additional tributary with a 7 meter high falls adjacent to the Big Tributary (Figure 3). No sampling was conducted in this unnamed tributary.

On the morning of June 18, we drove back to Chiniak and walked up Roslyn Creek to Big Tributary. We continued sampling Big Tributary at the point where we stopped on June 17 (Figure 4). We located an unnamed tributary to Big Tributary and sampled 100 meters up to a 9 meter high barrier. We captured 5 young-of-year coho salmon (30-44 mm FL). The unnamed tributary will be nominated to the Anadromous Waters Catalog.

We walked up Big Tributary an additional 540 meters and located a steep, moderately incised and less than 1.5 meter wide unnamed tributary. We sampled 300 meters to a barrier less than 1 meter high. We captured 20 Dolly Varden. No length measurements were taken for the Dolly Varden. A-1 will provide a voluntary riparian retention area to the unnamed tributary below the barrier.

We continued walking up Big Tributary and located an unnamed tributary that is about 6 meters wide. The unnamed tributary will be sampled during the July 2014 sampling effort.

We continued walking up Big Tributary and captured 3 young-of-year coho salmon below a 1.2 meter high barrier (Figures 5 and 6). We continued sampling above the barrier an additional 375 meters. We captured 50 Dolly Varden. No length measurements were taken for the Dolly Varden. The reach above the barrier will be surveyed in the fall of 2014 to determine if adult salmon pass the barrier. Big Tributary below the barrier will be nominated to the Anadromous Waters Catalog.

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



Figure 1. Mr Cunha sampling an unnamed tributary to Roslyn Creek.

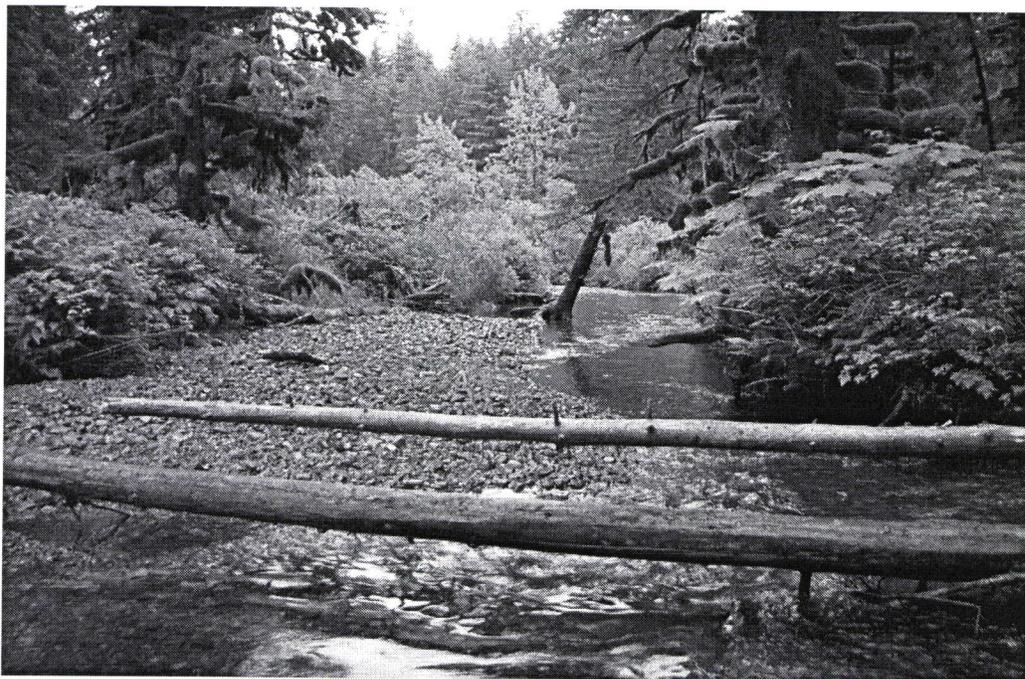


Figure 2. Big Tributary. View looking upstream.



Figure 3. Barrier adjacent to Big Tributary.



Figure 4. Mr. Nesheim and Mr. Cunha sampling Big Tributary.

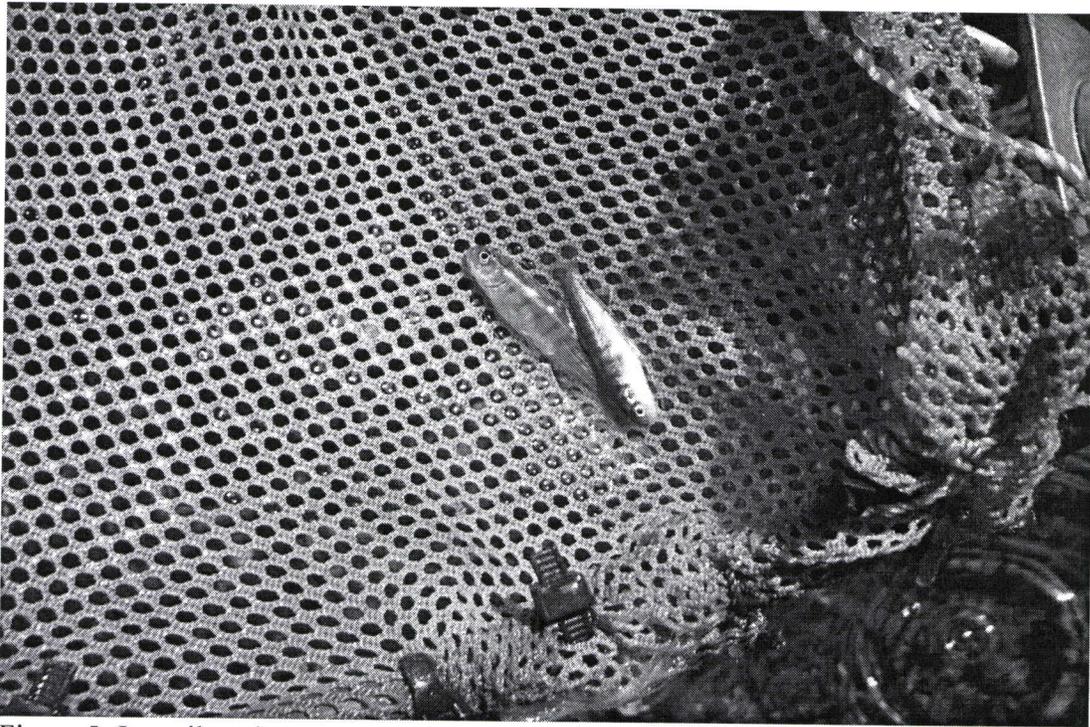
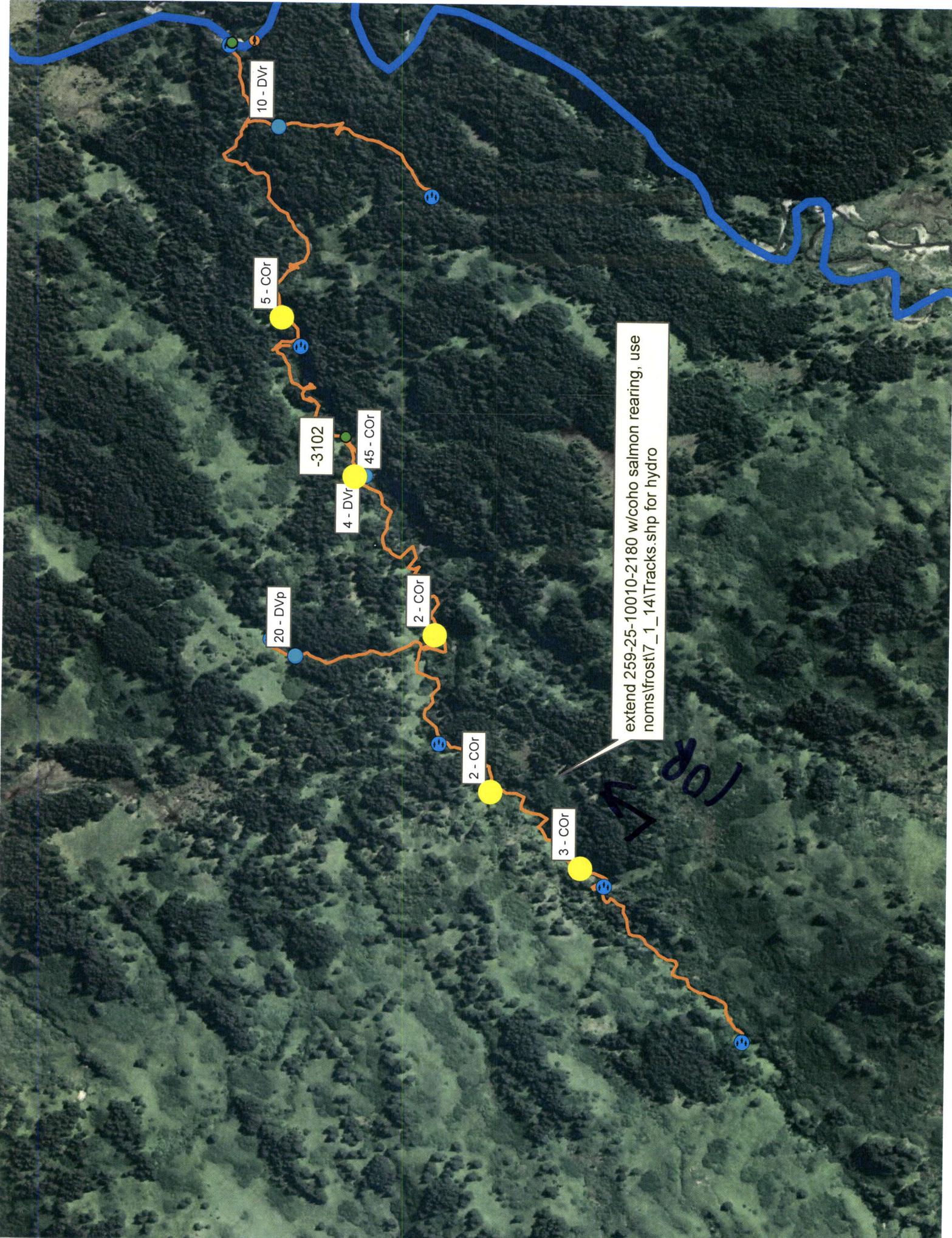


Figure 5. Juvenile coho salmon captured in to Big Tributary.



Figure 6. Potential barrier in Big Tributary.

cc: S. Schrof, ADF&G
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10 - DVr

5 - COr

-3102

45 - COr

4 - DVr

20 - DVp

2 - COr

2 - COr

3 - COr

extend 259-25-10010-2180 w/coho salmon rearing, use
noms\frost\7_1_14\Tracks.shp for hydro

TOP