



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

Nomination Form
Anadromous Waters Catalog

M E

Region Southwest USGS Quad(s) Kodiak C-2, C-1
 Anadromous Waters Catalog Number of Waterway 259-25-10010-2041-3052
 Name of Waterway Roslyn Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

Nomination # <u>130135</u> Revision Year: <u>2014</u> Revision to: Atlas _____ Catalog _____ Both <u>X</u> Revision Code: <u>A1, 13</u>	For Office Use	
	<u>[Signature]</u> Fisheries Scientist	<u>10/29/13</u> Date
	<u>[Signature]</u> Habitat Operations Manager	<u>10/29/13</u> Date
	<u>[Signature]</u> AWC Project Biologist	<u>8/14/13</u> Date
	<u>[Signature]</u> Cartographer	<u>11/2/13</u> Date

OBSERVATION INFORMATION					
Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho Salmon (2)	7/28/2013		X		<input checked="" type="checkbox"/>
Dolly Varden	7/28/2013			X	<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
Extnd Steerwul coho salmon rearing
 During joint AKSSF and A-1 Timber Consultant sampling, I used an electrofisher in an unnamed tributary to Roslyn Creek in the area of proposed timber harvest activities to document the presence of anadromous fish (Figures 1 and 2). See the July 27 and 28, 2013 trip report.
ref num # 13-067, 13-103, 13-131, 13-132, 13-133, 13-134.

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

Date: 8/5/2013
ALASKA DEPT. OF FISH & GAME
AUG 08 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: _____
 Name of Area Biologist (please print): _____ Revision 05/08

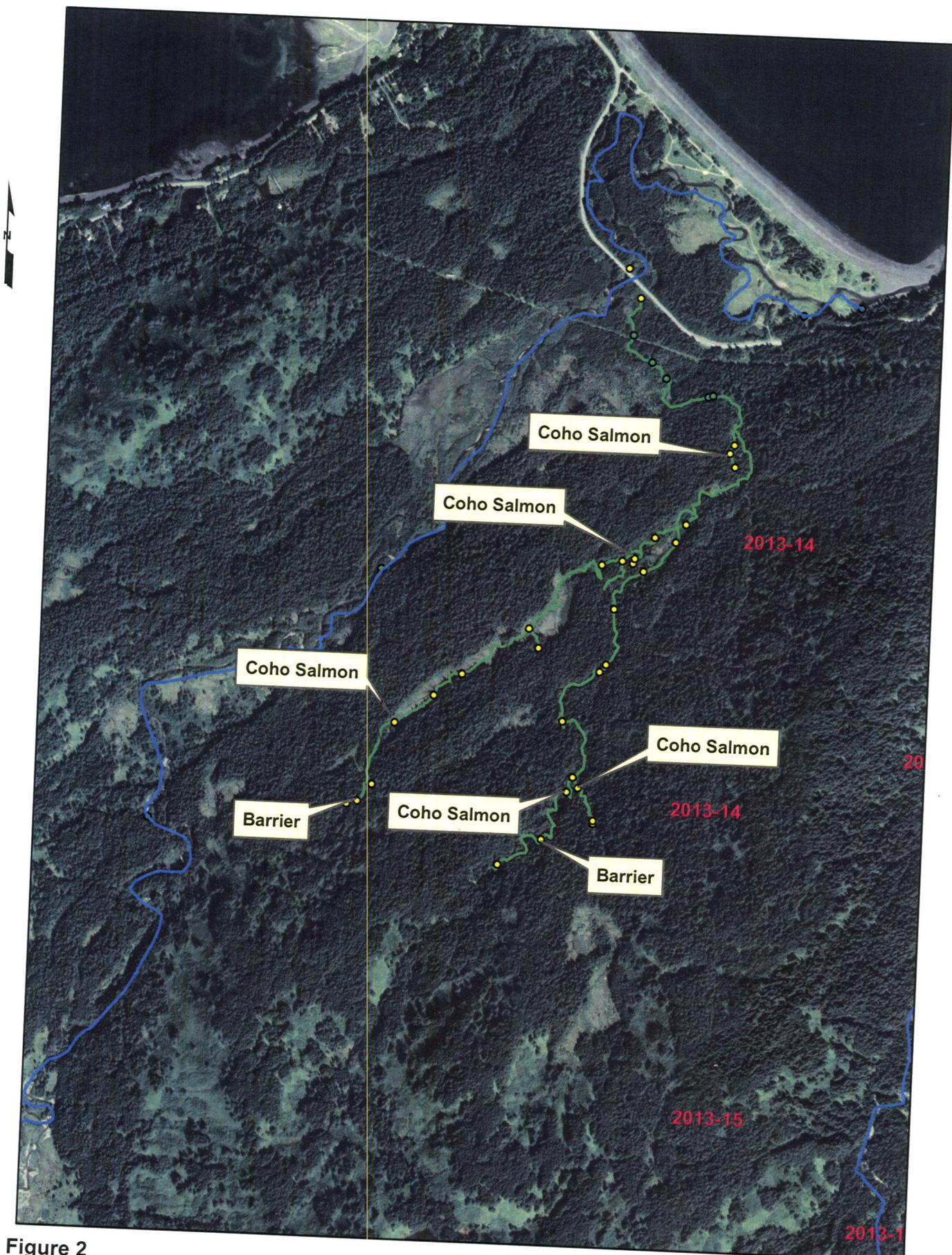


Figure 2

0 0.05 0.1 0.2 0.3 0.4 Miles

ADF&G

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: August 7, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island
July 2013

On July 27 and 28, 2013, I joined Dave Nesheim, A-1 Timber Consultants (A-1), and Dillon Shults, 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 very warm becoming cloudy with fog. Because of low rainfall in the past month, water levels were low in all sampled streams.

On the morning of July 27, we drove to an unnamed tributary to Roslyn Creek (Stream No. 259-25-10010). The stream is located on lands managed by Leisnoi Native Corporation. We used an electrofisher to sample from the upper extent of the reach that was sampled in June 2013 (Figures 1 and 2). We sampled about one mile of habitat until we located a 6-foot high barrier, with an estimated 45% slope (Figures 3 and 4). Below the barrier, we captured or observed about 200 juvenile coho salmon (Figures 5 and 6). We captured or observed over 500 Dolly Varden (45-135 mm FL) (Figure 7). We sampled an additional 700 linear feet above the barrier. We captured 15 Dolly Varden. No salmon were captured or observed above the barrier. The unnamed tributary will be nominated to the Anadromous Waters Catalog from its confluence with Roslyn Creek to the barrier.

About 800 linear feet below the barrier we sampled a tributary to the previously sampled stream located at Section 3, Township 30 South, Range 19 West, Seward Meridian (Figure 8). About 550 linear feet above the stream mouth we located a 15-foot high barrier (Figure 9). Below the barrier we captured 5 juvenile coho salmon (60-80 mm FL). We captured or observed 100 Dolly Varden (55-100 mm FL). The tributary stream will be nominated to the Anadromous Waters Catalog.

On the morning of July 28, we returned to the unnamed tributary to Roslyn Creek to sample additional tributaries to the main tributary to Roslyn Creek. We located the first tributary at Section 34, Township 29 South, Range 19 West, Seward Meridian. The stream contained pools separated by a vegetated channel (Figure 10). The pools contained 2 juvenile coho salmon. No length measurement was taken for the coho salmon. About 400 linear feet of the stream will be nominated to the Anadromous Waters Catalog.

We continued up the main tributary to Roslyn Creek and located an additional tributary located at Section 3, Township 30 South, Range 19 West, Seward Meridian (Figure 11). We sampled about 0.8 miles of the stream until we located the point where the stream gradient becomes a barrier to fish passage. The barrier is located at Section 4, Township 30 South, Range 19 West, Seward Meridian. Below the barrier, we captured or observed 500 juvenile coho salmon (45-75 mm FL). We captured or observed 500 Dolly Varden (55-110 mm FL). The tributary will be nominated to the Anadromous Waters Catalog.

One additional tributary was located at Section 3, Township 30 South, Range 19 West, Seward Meridian. The stream was less than 200 feet long and 5 young-of-year coho salmon were observed. The stream will be nominated to the Anadromous Waters Catalog.

Two additional streams were located in the same area but did not have sufficient water to sample. Because we did not observe any barriers, the small streams will need to have a riparian retention area during timber harvest activities.

The ADF&G is currently planning on returning to Kodiak for a sampling effort in August 2013.



Figure 1. Unnamed tributary to Roslyn Creek. View looking upstream.



Figure 2. Will Frost, Habitat Biologist prepares to sample unnamed tributary to Roslyn Creek.



Figure 3. Barrier on unnamed tributary to Roslyn Creek. View looking upstream.



Figure 4. Barrier on unnamed tributary to Roslyn Creek. View looking upstream.

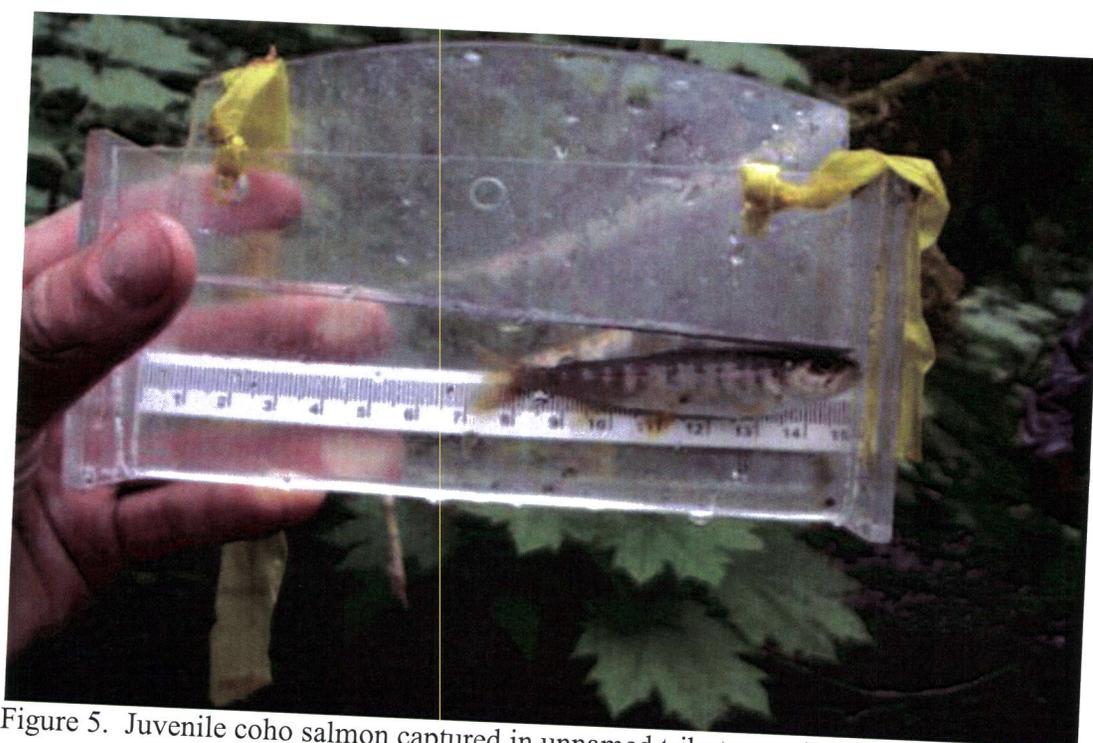


Figure 5. Juvenile coho salmon captured in unnamed tributary to Roslyn Creek.



Figure 6. Juvenile coho salmon captured in unnamed tributary to Roslyn Creek.



Figure 7. Dolly Varden captured in unnamed tributary to Roslyn Creek.

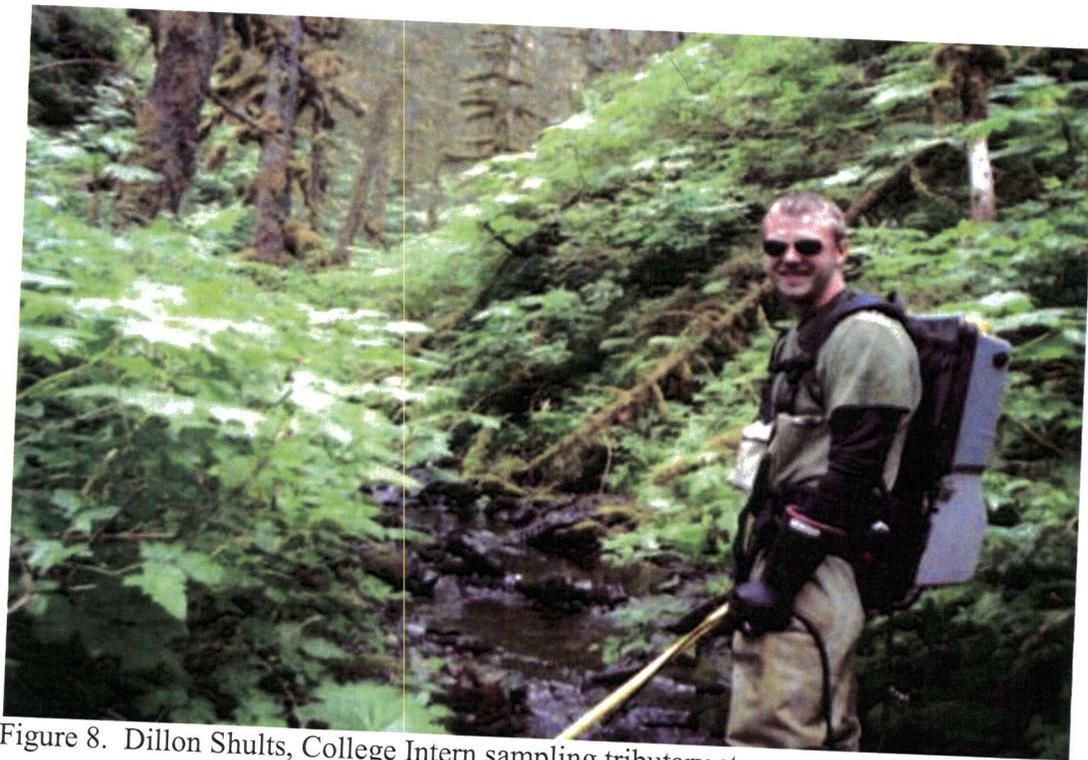


Figure 8. Dillon Shults, College Intern sampling tributary stream.



Figure 9. Barrier in tributary stream. View looking upstream.



Figure 10. Vegetated channel and pool in tributary stream. View looking upstream.



Figure 11. Tributary stream. View looking upstream.

cc: S. Schrof, ADF&G
N. Svoboda, ADF&G
D. Tracy, ADF&G
T. Polum, ADF&G
A. Ott, ADF&G
C. Curtis, ADF&G
K. Hanley, ADEC
J. Winters, DOF
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V. Veeh, Leisnoi Inc.
C. Schmidt, Leisnoi Inc.
D. Lukin, Leisnoi Inc.
K. Potts, Leisnoi Inc.

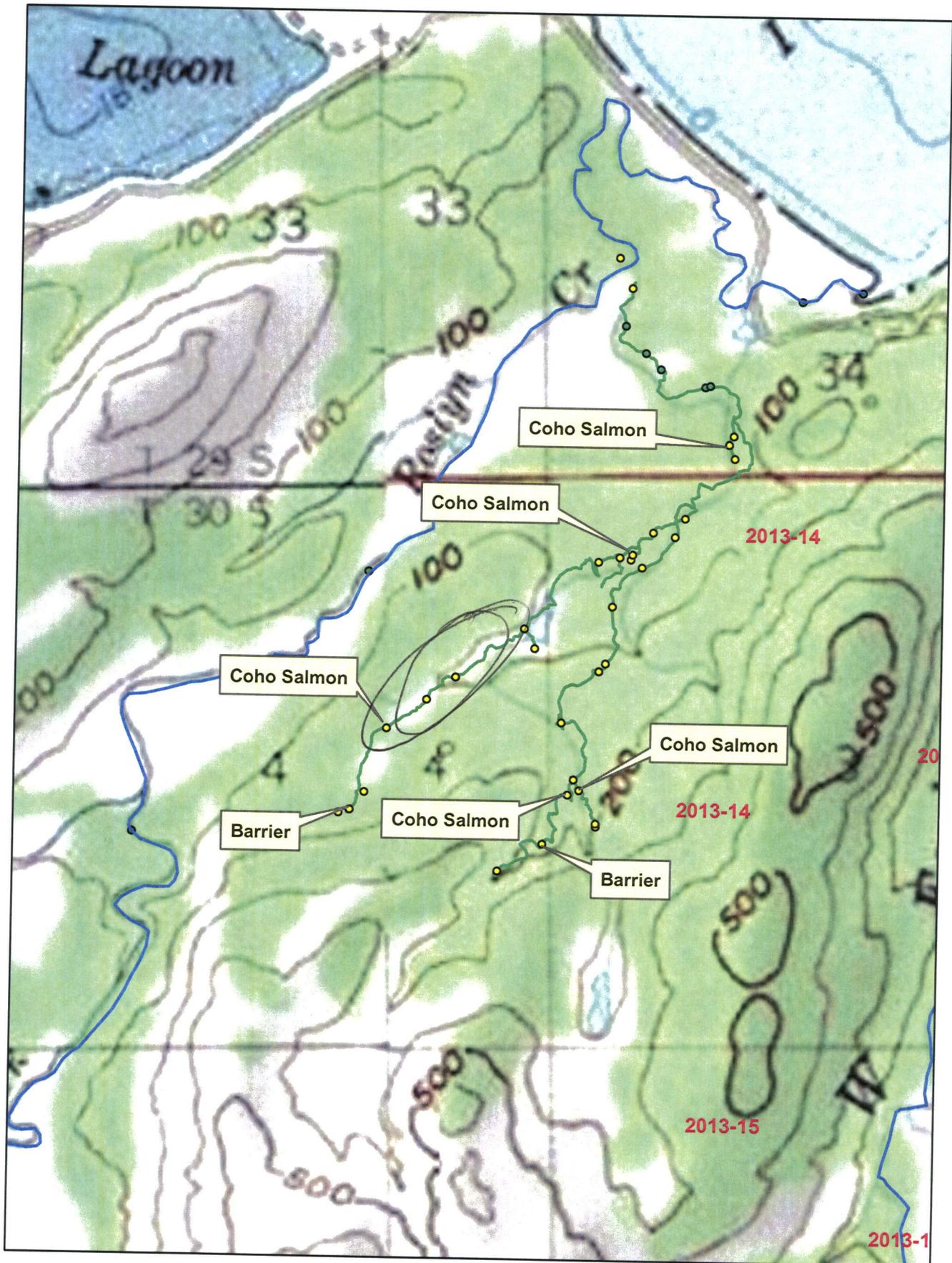


Figure 1

0 0.05 0.1 0.2 0.3 0.4 Miles

ADF&G

COR - 3022

2041

COR - 3052-4021

extend 259-25-10010-2041-3052
w/coho salmon rearing
use 2014\noms\frost\3_19_22\3_19-22 (4).shp,
2014\noms\frost\07_24_02\7_24_31.shp & arc2014 for hydro
KIB ortho

COR - 3052

