



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

Nomination Form
Anadromous Waters Catalog

10

Region Southwest USGS Quad(s) Kodiak C-1
 Anadromous Waters Catalog Number of Waterway 259-25-10040-2012-
 Name of Waterway "Saturn Creek" USGS Name Local Name 2022
 Addition Deletion Correction Backup Information -2022-3031

For Office Use

Nomination # <u>120240</u>	<u>[Signature]</u> Fisheries Scientist	<u>9/4/12</u> Date
Revision Year: <u>2013</u>	<u>[Signature]</u> Habitat Operations Manager	<u>9/4/12</u> Date
Revision to: Atlas _____ Catalog _____ Both _____	<u>[Signature]</u> AWC Project Biologist	<u>9/4/12</u> Date
Revision Code: <u>C-1, B-2, B-6, A-2</u>	<u>[Signature]</u> Cartographer	<u>10/4/12</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
YOY Pink Salmon (4)	5/22/2012		X		<input checked="" type="checkbox"/>
Dolly Varden	5/22/2012			X	<input type="checkbox"/>
Rainbow Trout	5/22/2012			X	<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 Renumber 259-25-10040-2012 05 - 2022, and add pink salmon present
add new stream 259-25-10040-2012-3031 w/ pink salmon rearing
 During joint A-1 Timer Consultant sampling, I used an electrofisher in Saturn Creek in the area of proposed timber harvest activities to document the presence of anadromous fish (Figures 1 and 2). Saturn Creek flows into Stream No. 259-25-10040-2012. A 30-foot barrier is located between Saturn Lake and stream No. 259-25-10040-2012. See May 21-22, 2012 Trip Report.

Name of Observer (please print): Will Frost, Habitat Biologist
 Signature: [Signature] Date: 6/1/2012
 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: _____ Revision 05/08
 Name of Area Biologist (please print): _____

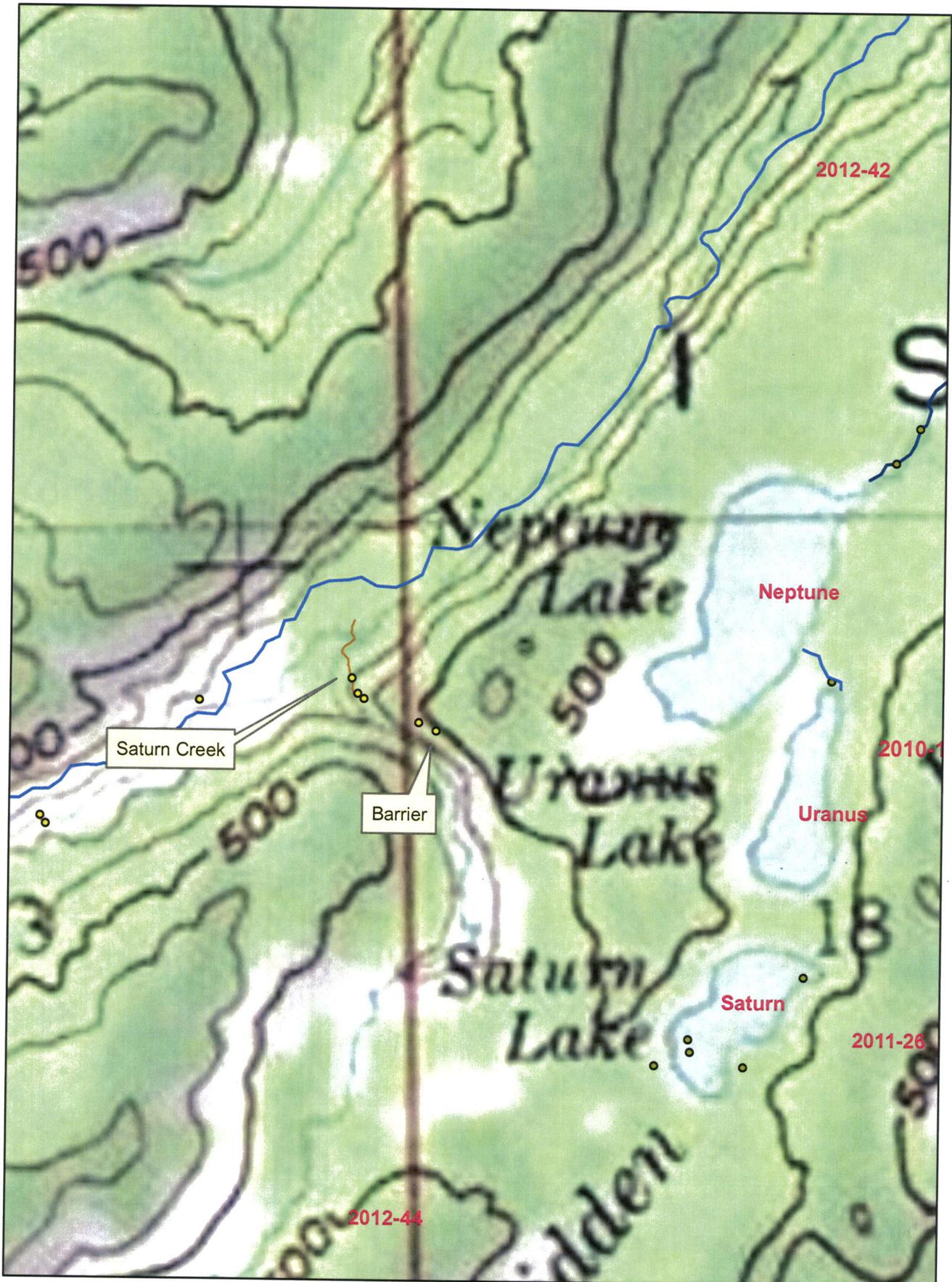


Figure 2



ADF&G

STATE OF ALASKA

SEAN PARNELL, Governor

DEPARTMENT OF FISH AND GAME

DIVISION OF HABITAT

333 RASPBERRY RD.
ANCHORAGE, ALASKA 99518
PHONE: (907) 267-2342
FAX: (907) 267-2499

MEMORANDUM

TO: Michael Daigneault
Anchorage Area
Regional Supervisor

FROM: Will Frost *WF*
Habitat Biologist

DATE: June 5, 2012

SUBJECT: AKSSF AWC Survey: Kodiak Island

On May 21-22, 2012, I joined David Nesheim, A-1 Timber Consultants (A-1) and Raye Ann Neustel, Alaska Department of Fish and Game 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 (AWC) and its companion Atlas. Inclusion in the AWC 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 AWC 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 May 21, 2012, we drove from Kodiak to the Chiniak River (Stream No. 259-25-10040). At about 1:00 p.m., we used an electrofisher to sample "Big Creek" a tributary stream that flows into the Chiniak River adjacent to harvest Unit 2012-35. Big Creek flows into the Chiniak River at Section 32, Township 29 South, Range 18 West, Seward Meridian (Figure 1). The headwaters of Big Creek are located on Kodiak Island Borough land. We began at the confluence with the Chiniak River and worked upstream about 3,000 linear feet (Figure 2). Sampling captured 8 juvenile coho salmon (60 to 115 mm fork length (FL)), 15 young-of-year pink salmon (15 to 20 mm FL), and 7 Dolly Varden. No length measurement were taken from the Dolly Varden. Big Creek will be nominated to the Anadromous Waters Catalog.

We sampled "Little Creek" a tributary that flows into the Chiniak River adjacent to harvest Unit 2012-35. Little Creek flows into the Chiniak Springs at Section 32, Township 29 South, Range 18 West, Seward Meridian. The headwaters of Little Creek are located on Kodiak Island Borough land. We began at the stream's confluence and worked upstream about 2,000 linear feet. Sampling captured 4 juvenile coho salmon (85 to 95 mm FL), 24 young-of-year pink salmon (15 to 20 mm FL), and 30 Dolly Varden (30 to 110 mm FL). Little Creek will be nominated to the Anadromous Waters Catalog.

On May 22, 2012, we walked into the upper reach of the Chiniak River to sample streams that flow into the river adjacent to harvest Unit 2012-45. We walked down an unnamed, highly incised stream that Saturn Creek flows into (Figure 3). We located a 30-foot high barrier between Saturn Lake and the Chiniak River at Section 18, Township 30 South, Range 18 West, Seward Meridian (Figure 4). We decided to continue down the stream to the Chiniak River and sample below the barrier later in the

day. We walked about 1.5 linear miles upstream to the unit boundary. We returned downstream and sampled two tributary streams. One stream flows into the west side of the river and the other stream flows into the east side of the river. We captured 3 Dolly Varden in the lower reach of the west side stream and 1 Dolly Varden in the east side stream. No measurements were taken from the Dolly Varden. Snow prevented us from sampling the entire stream length (Figure 5). An additional two streams were located on the east side of the river but were covered in snow. The four streams will be sampled later in the summer.

We returned to the Saturn Lake stream and sampled from the Chiniak River upstream about 600 linear feet to the base of the barrier. Sampling captured 4 young-of-year pink salmon (15 to 20 mm FL), 20 Dolly Varden, (20 to 80 mm FL), and 1 rainbow trout (180 mm FL; Figure 6). Saturn Creek will be nominated to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Kodiak for a sampling effort on June 11 and 12, 2012.



Figure 1. Big Creek, view to south.



Figure 2. Sampling Big Creek.



Figure 3. View looking down the incised stream channel.



Figure 4. Barrier on unnamed stream that flows into the Chiniak River.



Figure 5. Snow blocking the sampling effort in the east side tributary stream.

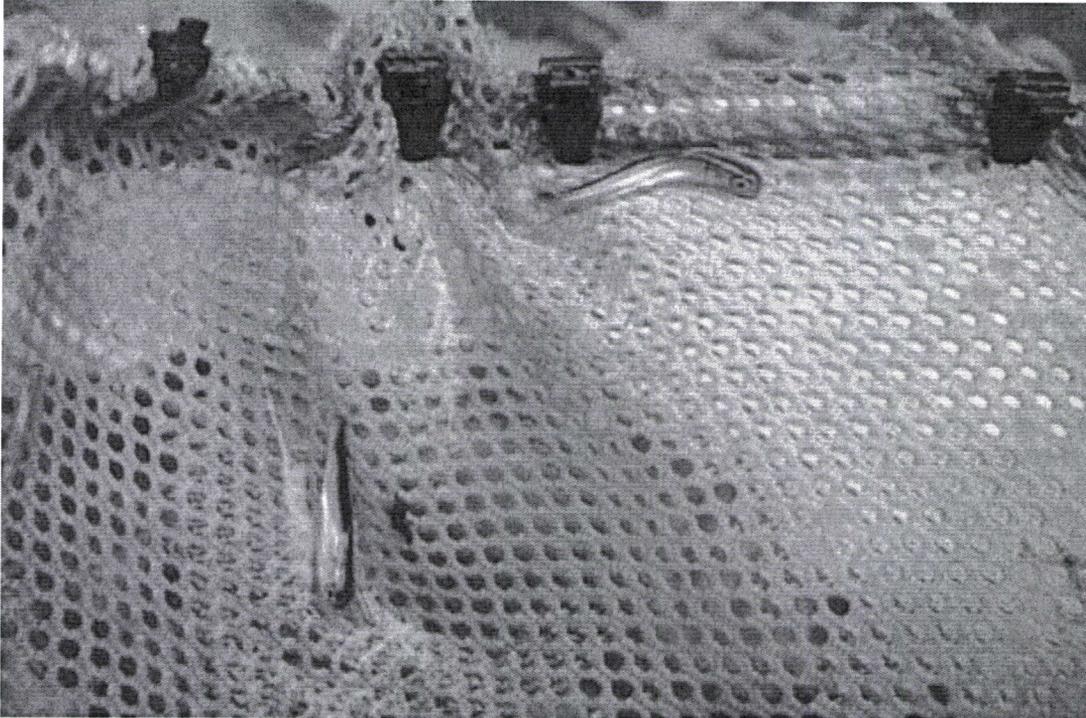


Figure 6. Young-of-year pink salmon.

cc: S. Schrof, ADF&G
L. Van Daele, ADF&G
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K. Potts, Leisnoi Inc.

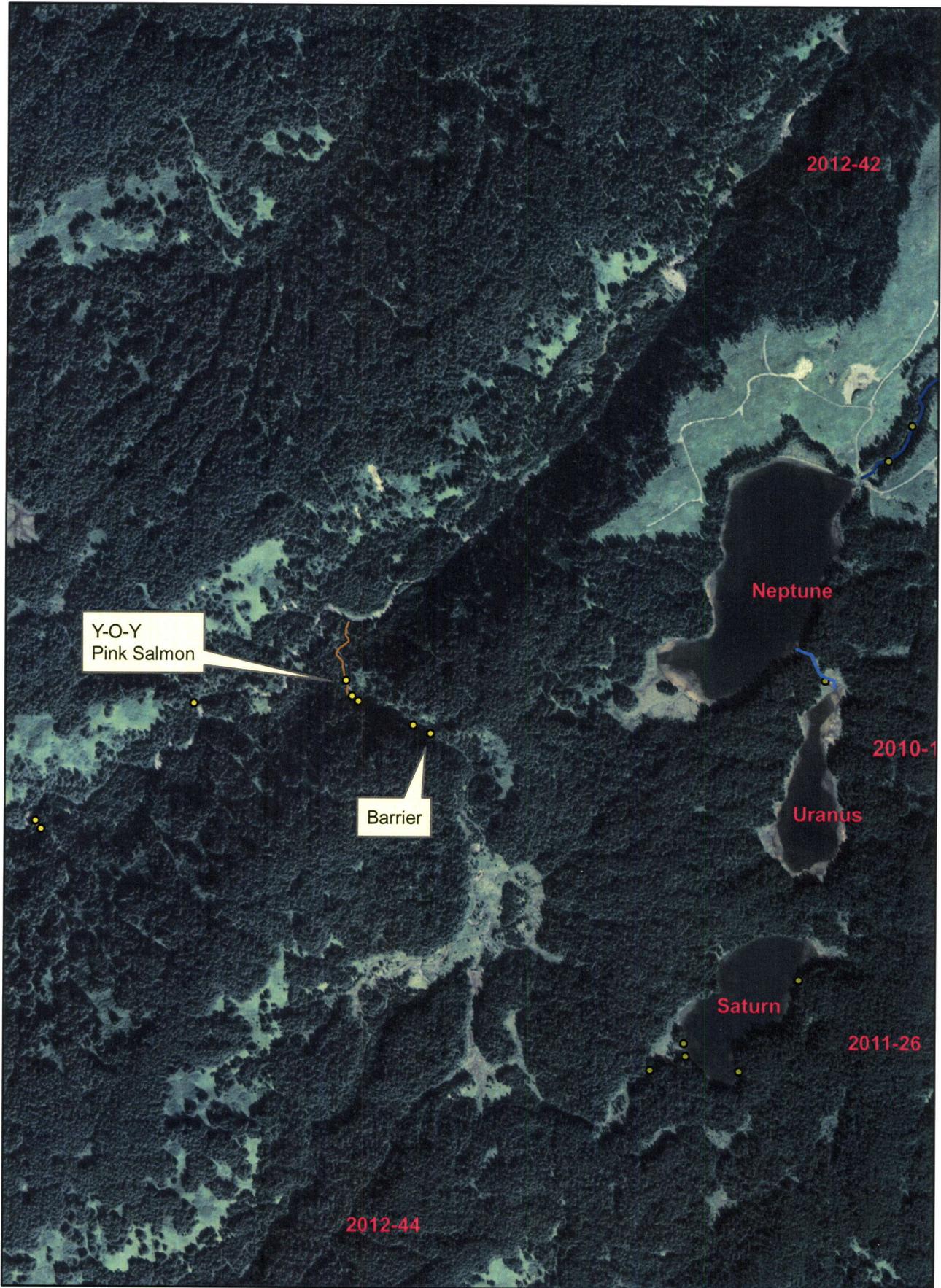
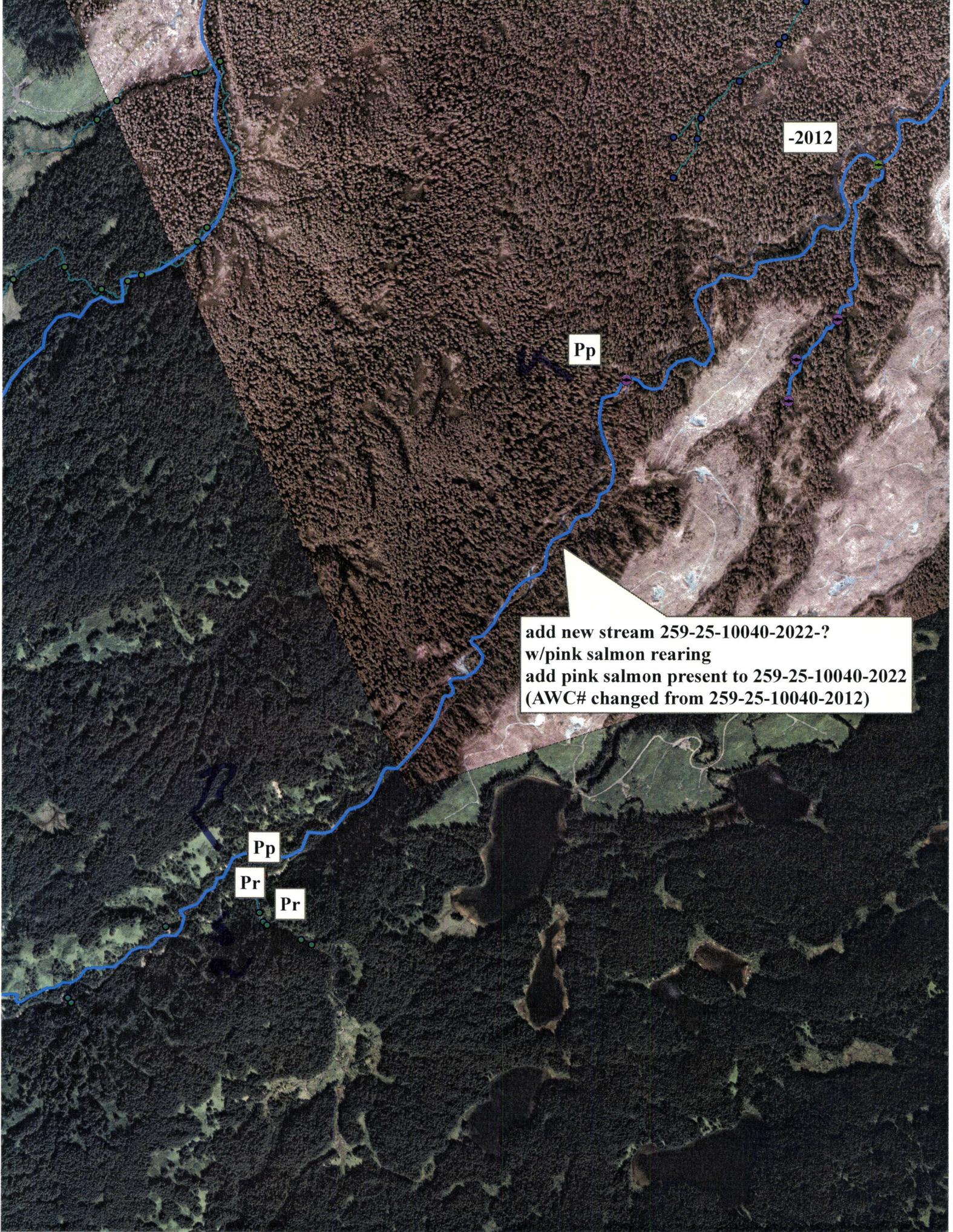


Figure 1



ADF&G



-2012

Pp

add new stream 259-25-10040-2022-?
w/pink salmon rearing
add pink salmon present to 259-25-10040-2022
(AWC# changed from 259-25-10040-2012)

Pp

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