



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog

X

Region Southeastern USGS Quad(s) Juneau B-2 NW

Anadromous Waters Catalog Number of Waterway 111-50-10420-2010

Name of Waterway Lake Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>10-747</u>		<u>10/26/10</u>
Revision Year:	<u>2011</u>	Fisheries Scientist	Date
Revision to:	Atlas _____		<u>10/26/10</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-1, B-2, C-9</u>		<u>9 Sept 10</u>
		AWC Project Biologist	Date
		<u>JDG</u>	<u>4/1/10</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	07/27/2010		✓	✓	✓
Dolly Varden	07/27/2010			✓	
cutthroat trout	07/27/2010			✓	

**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:**  
 Lake creek was surveyed to document the upper extent of anadromy, which was found to extend past the cataloged reach. Approximately 30 coho salmon juveniles were sampled with minnow traps, as well as four cutthroat trout, and numerous dolly varden.  
 Coordinates (Lat,Long): Upper(58.401798,-134.636001) Lower(58.3908,-134.632995)  
*Extend stream, add coho salmon rearing thru-out  
 Replace hydrography ARE w supplied track*

Name of Observer (please print): Tess Quinn  
 Signature: 146.63.139.55 (Web Nomination) Date: 09/03/2010  
 Agency: \_\_\_\_\_  
 Address: PO Box 35032 PO Box 35032  
Juneau, AK 99803

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 02/08  
 Name of Area Biologist (please print): \_\_\_\_\_

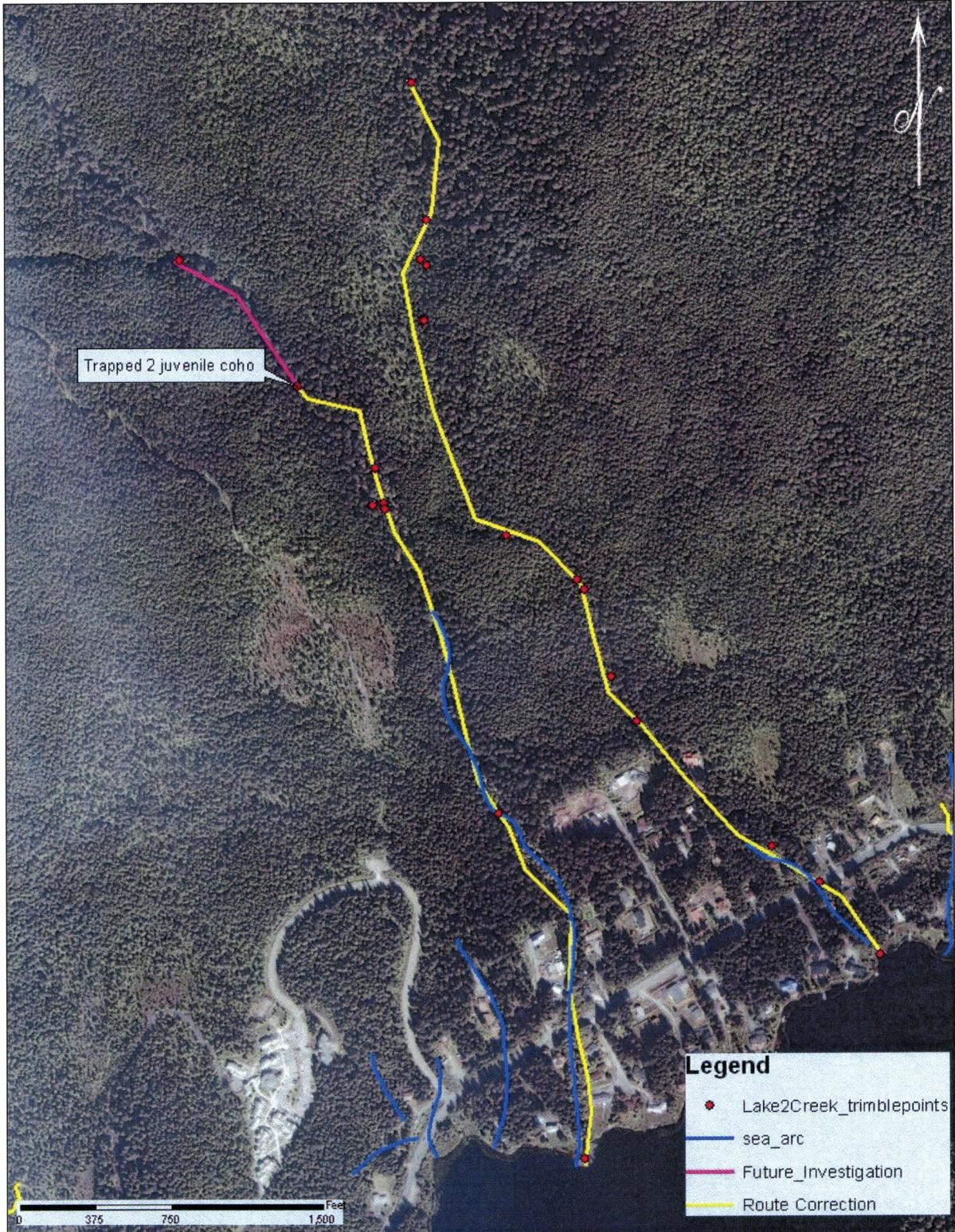
### Addition of Upper Extent to Lake Creek (111-50-10420-2010)

Lake Creek, in Juneau B-2 Southeastern Region, was tracked and sampled with minnow traps above the upper extent indicated in the Anadromous Waters Catalog. The creek is about 10-15 feet wide with clear water and pockets of good spawning gravels. Gradient and substrate size increase in the farther reaches. The following table presents the upper and lower extent coordinates, and sampling efforts. Lake Creek is on the left in the map. The text box indicates the last place coho were trapped. This stream warrants future investigation to determine upper extent of anadromy.

NAME	DATE	COMMENTS	LATITUDE	LONGITUDE
begin track of lake creek	7/27/2010	Begin track on gravel spit in Auke lake.	58.3908	-134.632995
trib on river left	7/27/2010	saw coho; will try to trap with minnow traps.	58.400001	-134.634002
end of trib	7/27/2010	trib ends in organicky seepy mud.	58.400501	-134.634002
barrier trib	7/27/2010	awesome little barrier trib on rr. channel steepens; set trap in deep pool below series of cascades.	58.4038	-134.638
coho	7/27/2010	trapped 2 coho, 2 cuts, and a bunch of dollies	58.401798	-134.636001
coho	7/27/2010	trapped over a dozen coho smolts and juvies in organicky pool with good overhanging veg.	58.403744	-134.637949
coho	7/27/2010	coho in trib trapped in lwd, ov, organics	58.399898	-134.634002
coho	7/27/2010	trapped 5 coho smolts in trib.	58.400001	-134.634002
coho	7/27/2010	trapped 8 coho smolts, 2 cuts, couple of dollys	58.395599	-134.632995

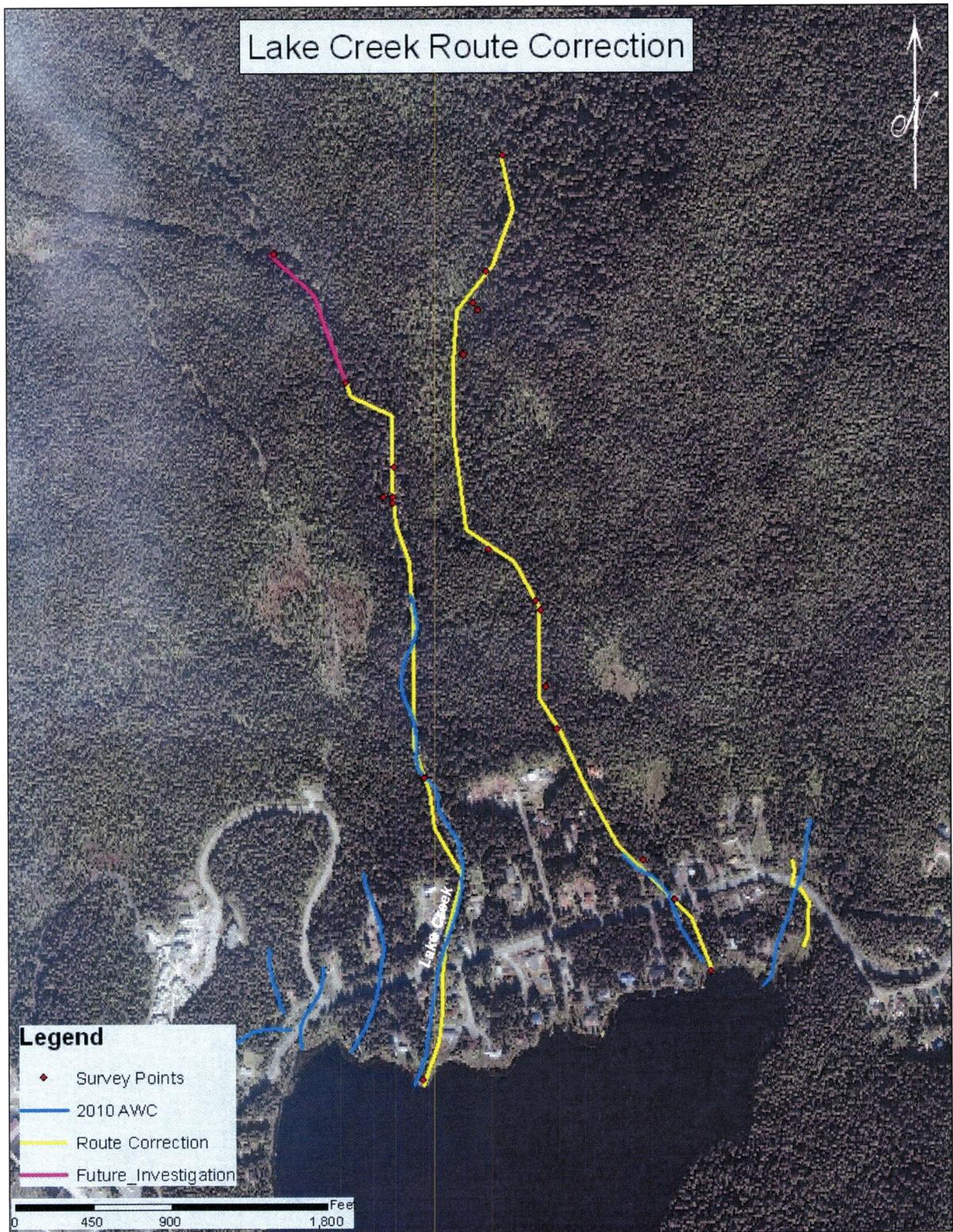


From Left to Right:  
 Upper extent of Lake Creek. Stopped surveying here due to time constraints, no salmon in trap.  
 Coho trapped in continuing anadromous reach.  
 Coho, cutthroat, and Dolly Varden trapped in continuing anadromous reach.



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# Lake Creek Route Correction



- Legend**
- ◆ Survey Points
  - 2010 AWC
  - Route Correction
  - Future Investigation

0 450 900 1,800 Feet

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