



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

Nomination Form
Anadromous Waters Catalog

4

Region Juneau USGS Quad(s) Juneau B-2NW
 Anadromous Waters Catalog Number of Waterway Currently uncatalogged 115-50-10420-2004
 Name of Waterway Unnamed USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>120401</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Fisheries Scientist	Date
Revision Year:	<u>2013</u>	<u>[Signature]</u>	<u>11/2/12</u>
		Habitat Operations Manager	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>10/5/12</u>
	Both <input checked="" type="checkbox"/>	AWC Project Biologist	Date
Revision Code:	<u>A-2d, B-2</u>	<u>[Signature]</u>	<u>11/7/12</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>Sockeye</u>	<u>08/31/12 - 09/12/12</u>	<input checked="" type="checkbox"/>			<input checked="" 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:

See Attachment 1
Add new stream ≤ 660ft w/ sockeye salmon spawning
Change sockeye salmon present to spawning in 11-50-10420-2010

Name of Observer (please print): James Ray
 Signature: [Signature] Date: 09/17/12
 Agency: USFWS James_ray@fws.gov
 Address: 3000 Vintage Blvd.
Juneau, 99801

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.

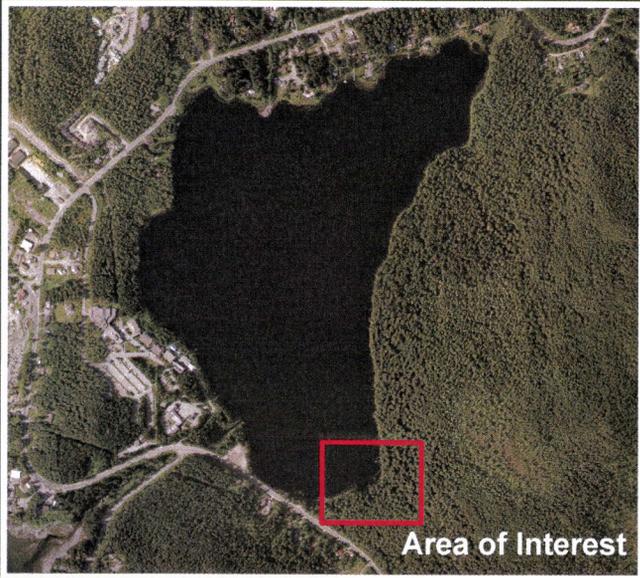
Signature of Area Biologist: _____ Date: _____ Revision _____

Attachment 1

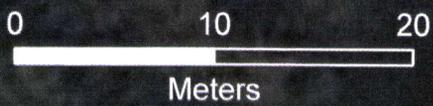
The maximum upstream extent of sockeye salmon spawning in the unnamed Auke Lake tributary was observed at location: 58.38132, -134.628226 (see attached map: 'Auke Lake Map 1').

These sockeye spawning observations were made between 8/31/2012 and 9/12/2012 during telemetry surveys of the lake associated with a sockeye habitat study in the Auke Lake watershed. At least eight individual sockeye were observed displaying spawning behavior in and around the mouth of the unnamed tributary, two of these fish were fitted with radio transmitters. Four redds were observed within the creek and four redds were observed in the lake approximately 30ft from the mouth of the unnamed tributary. The lake redds were distributed on both sides of the East Auke Lake Trail floating walkway up to a depth of approximately 3ft.

Auke Lake Map 1



East Auke Lake Trail



-  Redd Located in Creek
-  Redd Located in Lake
-  Unnamed Auke Lake Tributary

add new stream less than 660 ft
111-50-10420-2004 w/sockeye salmon spawning
change sockeye salmon present to
sockeye salmon spawning in
111-50-10420-0010