



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

Nomination Form  
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): Juneau B-3

Anadromous Waters Catalog Number of Waterway: 111-50-10100 - 0010

Name of Waterway: Peterson Creek

Is this a USGS Name X OR Local Name \_\_\_\_\_?

Type of Nomination (Circle One): Addition

Deletion  Correction  Backup Information   
**For Office Use**

Nomination # <u>120160</u>	<u>[Signature]</u> Fisheries Scientist	<u>9/19/12</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>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>6/27/12</u> Date
Revision Code: <u>A-2, C-7, C-9</u> <u>B-2</u>	<u>JDG</u> Cartographer	<u>9-20-12</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum salmon	8/23/2007			Yes; count = 1	Yes
Coho salmon	8/3/2007, 8/23/2007, 10/12/2007, 5/28-5/29/2008		Yes; count = 443	Yes; count = 443	Yes
Cutthroat trout	8/23/2007		Yes; count = 1	Yes; count = 4	Unknown
Rainbow trout	8/23/2007			Yes; count = 1	Unknown
Stickleback	8/23/2007, 10/12/2007, 5/28- 5/29/2008			Yes; count = 1,023	Unknown

**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:** All fish observations were associated with a DJ funded research project (Southeast Steelhead Habitat Carrying Capacity), exploring fish-habitat associations within Peterson Creek watershed on the mainland, north of Juneau. Fish observation methods consisted of snorkel surveys, small dip nets, and baited and sterilized Gee Minnow Traps (minimum 1 hr. soak). All fish observed were identified to the lowest taxon possible, counted, and grouped into size classes. Attachment pages/maps provide additional specific information regarding the presence of fish species, locations (lat/long), number and species captured, and additional info.

ref number 12-149

Name of Observer (please print):

Kercia Schroeder

Signature:

[Signature]

Date: 3/20/2012

Agency:

ADF&G, Sport Fish Division

Address:

Southeast Regional Office, 802 3<sup>rd</sup> Street, PO Box 110024, Juneau, AK 99811-0024

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.

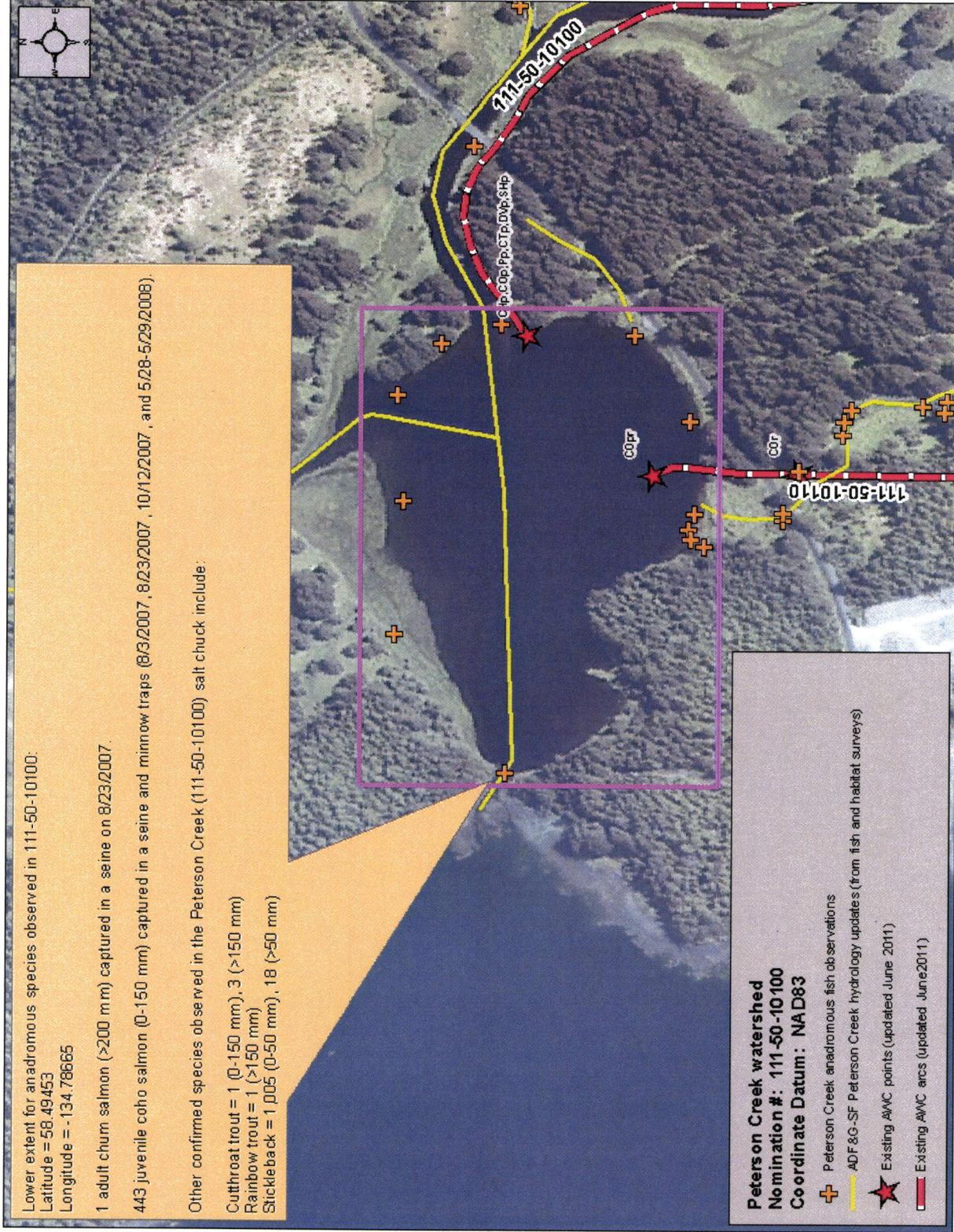
Signature of Area Biologist: [Signature]  
02/08

Date 3/20/12

Revision

Add ARO to 111-50-10100 downstream of "Salt Lake"  
Add new lake 111-50-10100-0010 w/CNP, COPZ, PP CTP,  
Extend coho salmon rearing upstream in 111-50-10100 DUP, SHP

## Attachment Pages and Supporting Information



Map showing the salt chuck in the lower portion of Peterson Creek watershed (111-50-10100). We propose to change the lower extent of the current AWC arc for 111-50-10100 to include the salt chuck. This map identifies locations where **coho salmon and chum salmon** were observed during sampling efforts conducted along the periphery of the salt chuck. Cutthroat trout, rainbow trout, and stickleback were also observed in the salt chuck.

## GIS shapefile descriptions

### Peterson Creek

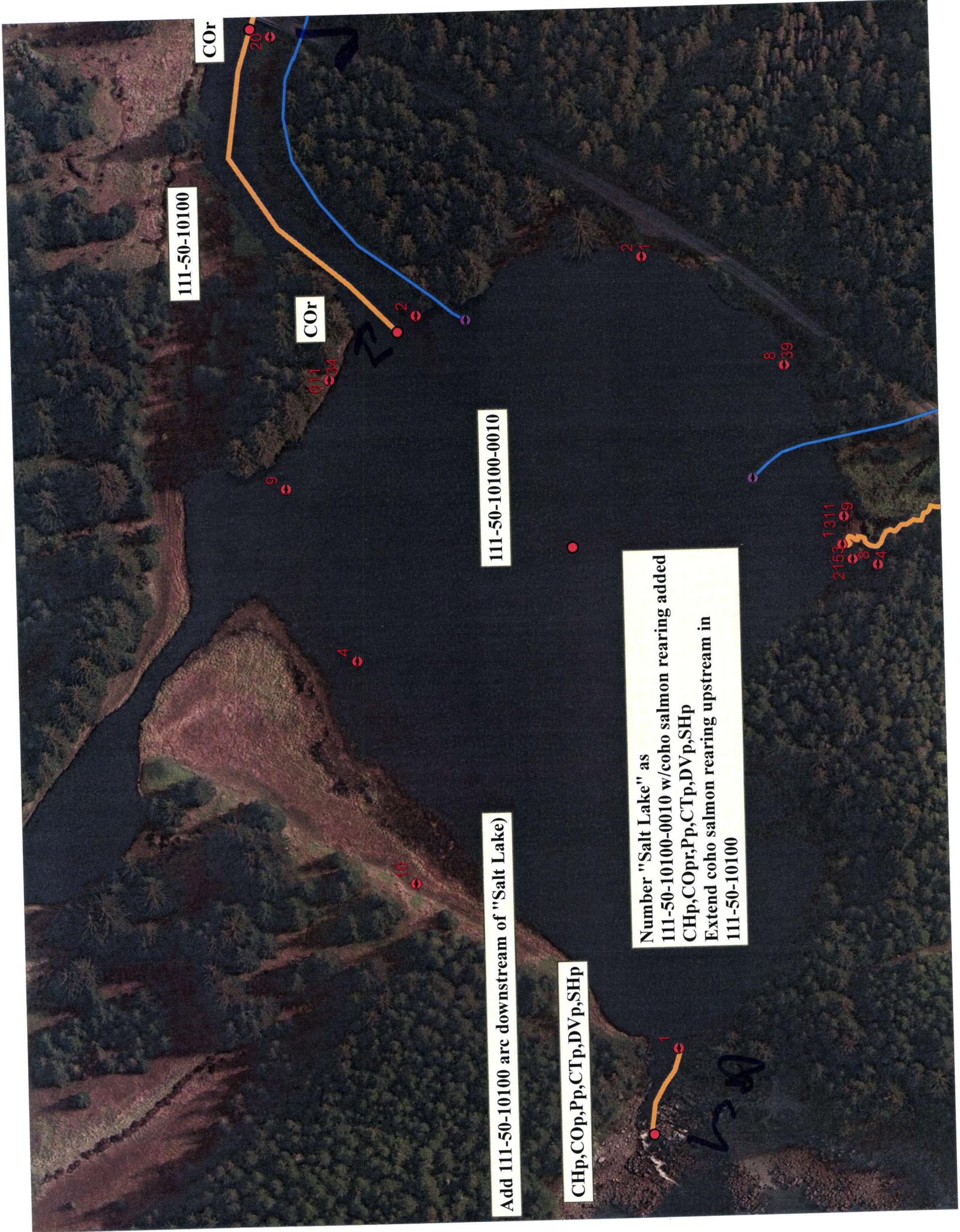
- [PetersonCreek\\_AllFishObservations.shp](#) - point shapefile that includes all fish observations, for all species observed during stream habitat and fish use surveys conducted in this watershed.
- [PetersonCreek\\_AWC\\_AnadromousFish.shp](#) – point shapefile that includes all anadromous fish observations made during stream habitat and fish use surveys conducted in this watershed. Includes which AWC stream number the observation was associated with.
- [PetersonCreek\\_Features\\_All.shp](#) - point shapefile that includes all waypoints taken during stream habitat and fish use surveys in this watershed.
- [PetersonCreek\\_AWC\\_ProposedNominations\\_2012\\_dissolve.shp](#) – polyline shapefile that includes updated stream hydrography based on stream habitat and fish use surveys conducted in this watershed and is clipped to the proposed AWC extent based on observations. Also includes the AWC number associated with each stream arc.
- [PetersonCreek\\_UpperExtentWaypoints.shp](#) – point shapefile that includes the upper extent of anadromous fish observations made on each proposed AWC stream arc.
- [PetersonCreekBarrier\\_NAD83.shp](#) - point shapefile that includes the mainstem barrier where we propose to have the upper extent of the AWC moved to.

### Ratz Creek:

- [OdysseyDB\\_FOP\\_Updated\\_2012\\_Ratz\\_2.shp](#) - point shapefile that includes all fish observations, for all species observed during stream habitat and fish use surveys conducted in this watershed.
- [RatzCreek\\_AWC\\_AnadromousFish.shp](#) - point shapefile that includes all anadromous fish observations made during stream habitat and fish use surveys conducted in this watershed. Includes which AWC stream number the observation was associated with.
- [OdysseyDB\\_FEATS\\_Updated\\_2012\\_Ratz.shp](#) – point shapefile that includes all waypoints taken during stream habitat and fish use surveys in this watershed.
- [RatzCreek\\_AWC\\_ProposedNominations\\_2012\\_clipped.shp](#) - polyline shapefile that includes updated stream hydrography based on stream habitat and fish use surveys conducted in this watershed and is clipped to the proposed AWC extent based on observations. Also includes the AWC number associated with each stream arc.
- [RatzCreek\\_UpperExtentWaypoints.shp](#) – point shapefile that includes the upper extent of anadromous fish observations made on each proposed AWC stream arc.

### Sashin Creek:

- [SAS19\\_FOP\\_All.shp](#) - point shapefile that includes all fish observations, for all species observed during stream habitat and fish use surveys conducted in this watershed.
- [SAS\\_Features\\_All.shp](#) - point shapefile that includes all waypoints taken during stream habitat and fish use surveys in this watershed.



COR

111-50-10100

COR

111-50-10100-0010

Add 111-50-10100 are downstream of "Salt Lake)

CHp,COp,Pp,CTp,DVp,SHp

Number "Salt Lake" as  
111-50-10100-0010 w/coho salmon rearing added  
CHp,COpr,Pp,CTp,DVp,SHp  
Extend coho salmon rearing upstream in  
111-50-10100

20

2

2

611

34

9

4

10

1

8

39

1

311

8

4

2153

Z

W