



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

Nomination Form
Anadromous Waters Catalog

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Region: Southeastern USGS Quad(s): Port Alexander B-2

Anadromous Waters Catalog Number of Waterway: 109-10-10090

Name of Waterway: Sashin 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>120163</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>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>6/13/12</u> Date
Revision Code: <u>A-1, B-6, E-9, B-2</u>	<u>JDS</u> Cartographer	<u>9-20-12</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink salmon	5/22/2009		Yes; count = 11	Yes; count = 11	Yes
Steelhead	5/28/1996, 5/20-5/22/2009			Yes; count = 9	Yes
Rainbow trout	5/21-5/22/2009		Yes; count = 23	Yes; count = 23	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 Sashin Creek watershed on Baranof Island. 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.

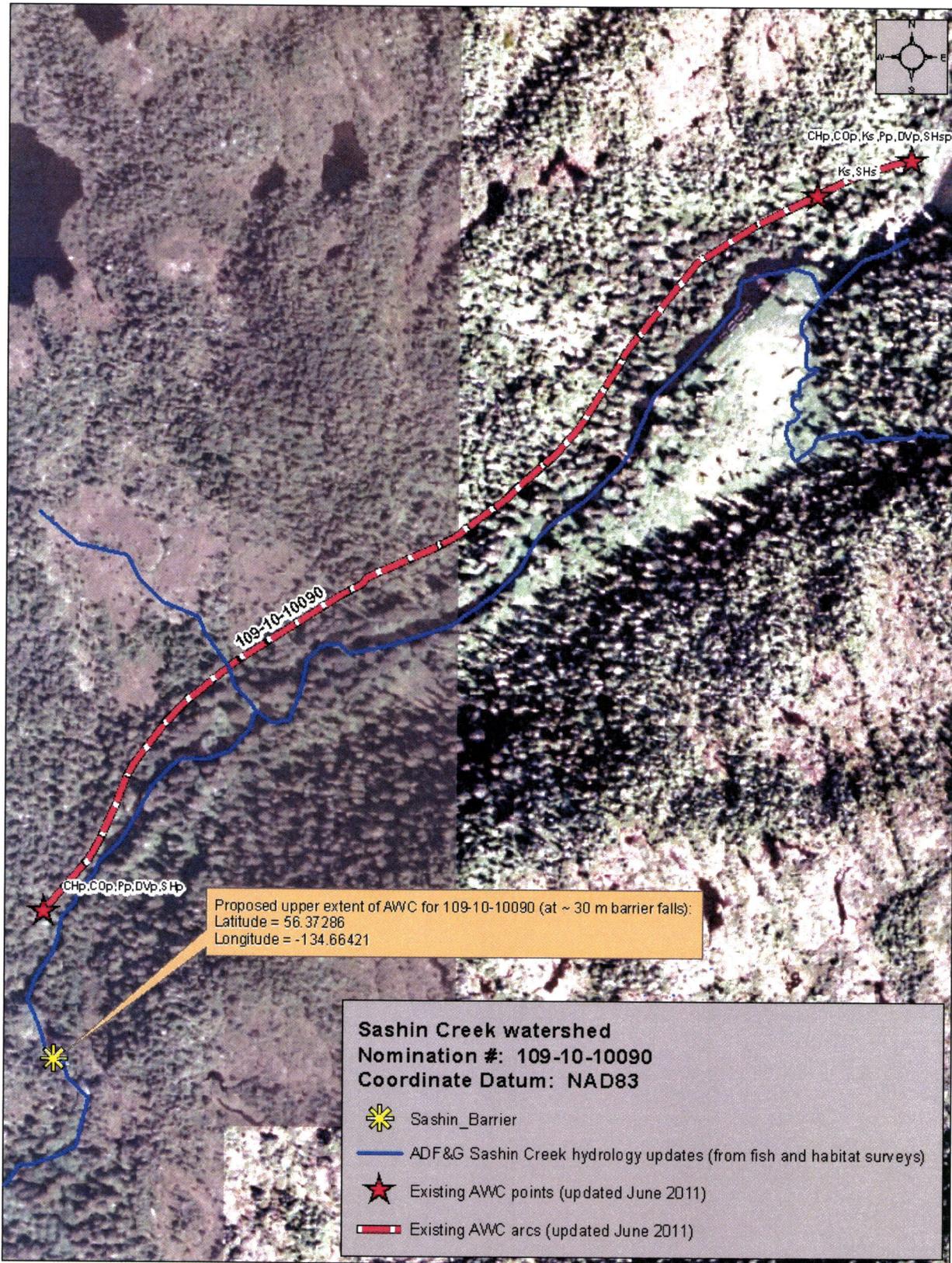
add barrier, extend Steelhead Trout presence w/ stream
add pink salmon rearing

Name of Observer (please print): Kercia Schroeder
Signature: [Signature] Date: 3/28/2012
Agency: ADF&G, Sport Fish Division
Address: Southeast Regional Office, 802 3rd Street, PO Box 110024, Juneau, AK 99811-0024

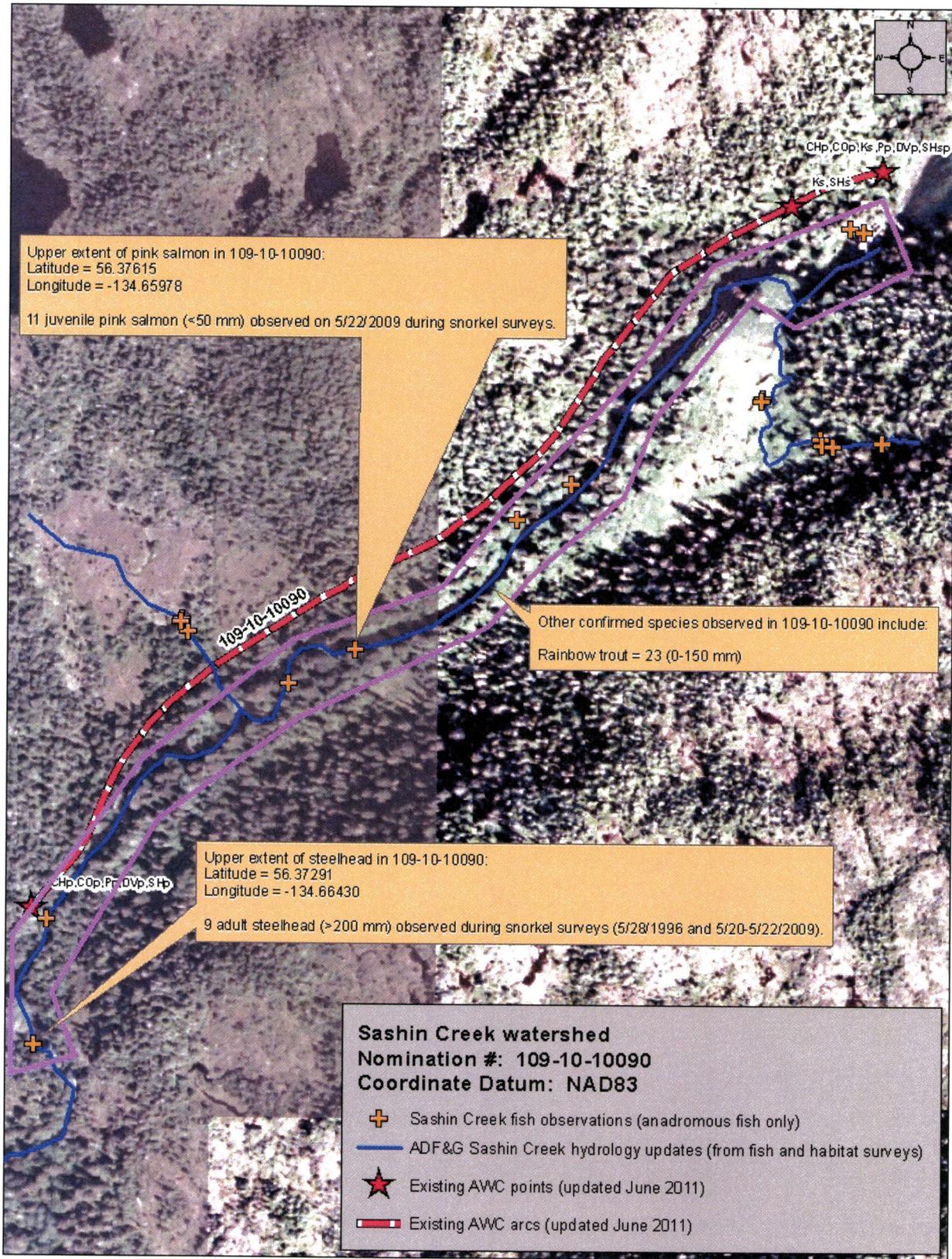
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: [Signature] Date: 3/27/12 Revision 02/08

Attachment Pages and Supporting Information



Map showing existing AWC points and arc in Sashin Creek watershed (109-10-10090). We propose to change the upper extent of the current AWC arc for 109-10-10090 to the location of the 30 m barrier falls identified on the map. Map also shows updated stream hydrography based on 96 waypoints taken throughout the watershed during stream habitat and fish use surveys conducted for this project.



Map identifying locations where **pink salmon and steelhead** were observed in 109-10-10090. These observations provide backup species information and support extending the existing AWC for 109-10-10090. Surveys stopped at a barrier falls (barrier height was approximately 30 m). Rainbow trout were also observed in this stream.

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.

- [SashinCreek_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.
- [SashinCreek_UpperExtentWaypoints.shp](#) – point shapefile that includes the upper extent of anadromous fish observations made on each proposed AWC stream arc.
- [Sashin_Barrier.shp](#) – point shapefile that includes the mainstem barrier where we propose to have the AWC extend up to.

Sitkoh Creek:

- [SitkohCreek_AllFishObservations.shp](#) - point shapefile that includes all fish observations, for all species observed during stream habitat and fish use surveys conducted in this watershed.
- [SitkohCreek_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.
- [Sitkoh_Features_All.shp](#) - point shapefile that includes all waypoints taken during stream habitat and fish use surveys in this watershed.
- [SitkohCreek_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.
- [SitkohCreek_UpperExtentWaypoints.shp](#) – point shapefile that includes the upper extent of anadromous fish observations made on each proposed AWC stream arc.

CHp,COp,Ks,Pp,DVp,SHsp
-134.6523 56.3795

Ks,SHs
-134.653 56.3793

Pr

Pr

CHp,COp,Pp,DVp
-134.6642 56.3739

SHp

SHp

extend 109-10-10090 w/Steelhead Trout presence
add barrier
revise hydrography (arc2013)
reposition points as indicated
add pink salmon rearing

