



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

Nomination Form
Anadromous Waters Catalog

ME

Region SOUTHWEST USGS Quad(s) UGASHIK B-6
 Anadromous Waters Catalog Number of Waterway 321-10-10030-2014
 Name of Waterway Pumice Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>11-336</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/14/11</u> Date
Revision Year: <u>2012</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/14/11</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>9/16/11</u> Date
Revision Code: <u>B-2</u>	<u>306</u> Cartographer	<u>11/9/11</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum	7/30/2010	Y		Y	<input checked="" type="checkbox"/>
					<input 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:

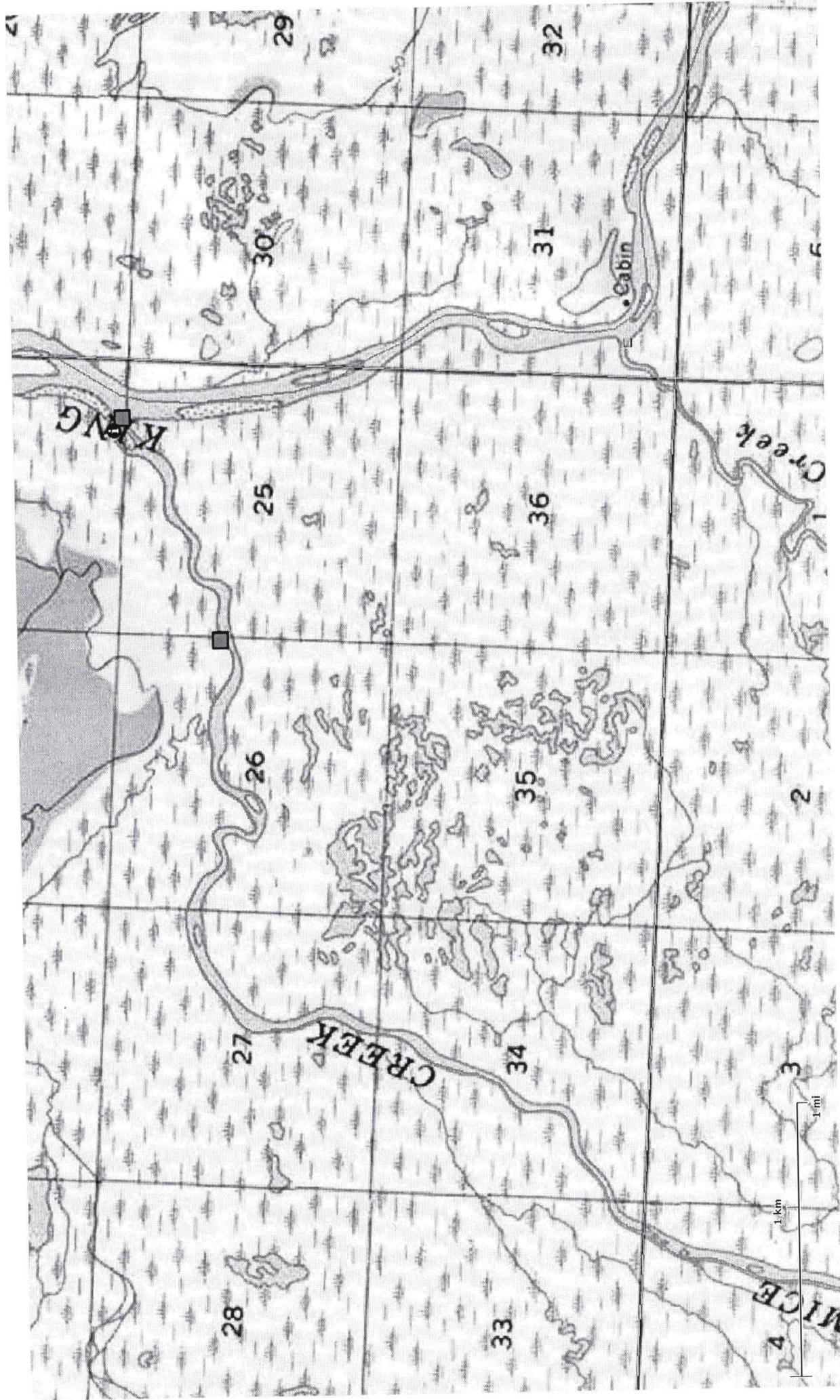
spawning chum sampled (57.30234,-157.73199)
 (57.30234,-157.73207)
 (57.30794,-157.71081)

Add chum salmon spawning to stream

Name of Observer (please print): Chase Jalbert
 Signature: [Signature] Date: 9/13/2011
 Agency: Alaska Department of Fish and Game- Genetics
 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.

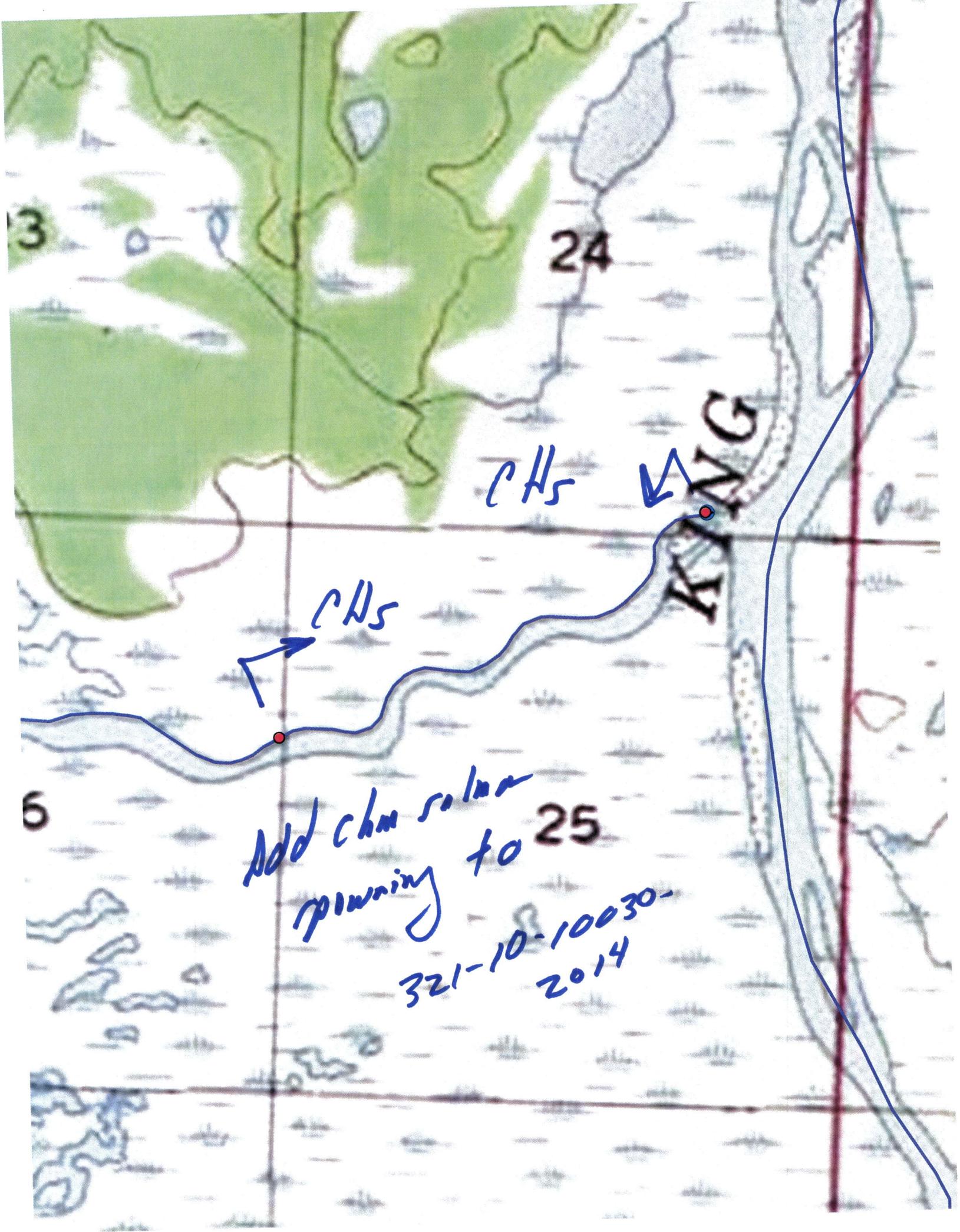
Signature of Area Biologist: _____ Date: _____ Revision 05/08
 Name of Area Biologist (please print): _____



We surveyed the mouth of the river; the water level was knee-high which was high from rain and runoff. The mouth was wide with a sandbar and we thought it might be difficult to sample with a net so we went further upstream into Pumice Creek. We saw large schools of chum in deep waters with cut banks which made sampling difficult. Our first sampling area is survey location: Lower Pumice Creek. After successfully sampling about 20 here, we went further upstream to survey location: Upper Pumice Creek. The water was too high and we thought the lead line was too light and our net too tall. We were unable to be quick enough to section off a group of fish in the net. After many sets, we collectively attained another 35 samples and then headed back to the mouth of Pumice Creek to try and sample. On our way down, we thought a good sampling method might be to wait for another school of chum to come through and utilize a sandbar to net them onto. This proved to be difficult with the cut banks and small sandbars.

The mouth is survey location: Mouth of Pumice Creek. Sampling here was very difficult because of murky water, a wide area and an inadequate net for this circumstance. After three sets we only had 2 samples and had seen a couple hundred when we arrived. The water levels made sampling difficult and it was decided a longer net with a heavier lead line would help. There was high bear activity signs on the banks but we never saw any.

The jet boat guides were not available the next day but it was decided that one of them (Paul Tickner) would be left with a sampling kit and sample while they fly fished with clients because it was believed this would be more effective. This later proved to be true. We came back to the lodge by jet boat which took an hour and a half. Weather was cloudier and very windy. Water levels had risen considerably.



3

24

CHS



KANG

CHS



6

25

Add channel
planning to

321-10-10030-
2014