



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Fish Distribution Database

Region Three INT USGS Quad(s) Survey Pass HUGHES C-1  
 Fish Distribution Database Number of Waterway 334-40-11000-2125-3661  
 Name of Waterway Alatna River  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>07-186</u>	_____ ADF&G Fisheries Scientist	_____ Date
Revision Year: <u>2008</u>	_____ ADNR OHMP Operations Mgr.	_____ Date
Revision to: Atlas _____ Catalog _____ Both _____	<u>[Signature]</u> FDD Project Biologist	<u>6/04/07</u> Date
Revision Code: <u>F-1</u>	_____ Cartographer	_____ Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Arctic char	8/18/2006		Yes		<input checked="" type="checkbox"/>
Chum salmon	8/20/2006	Yes			<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.

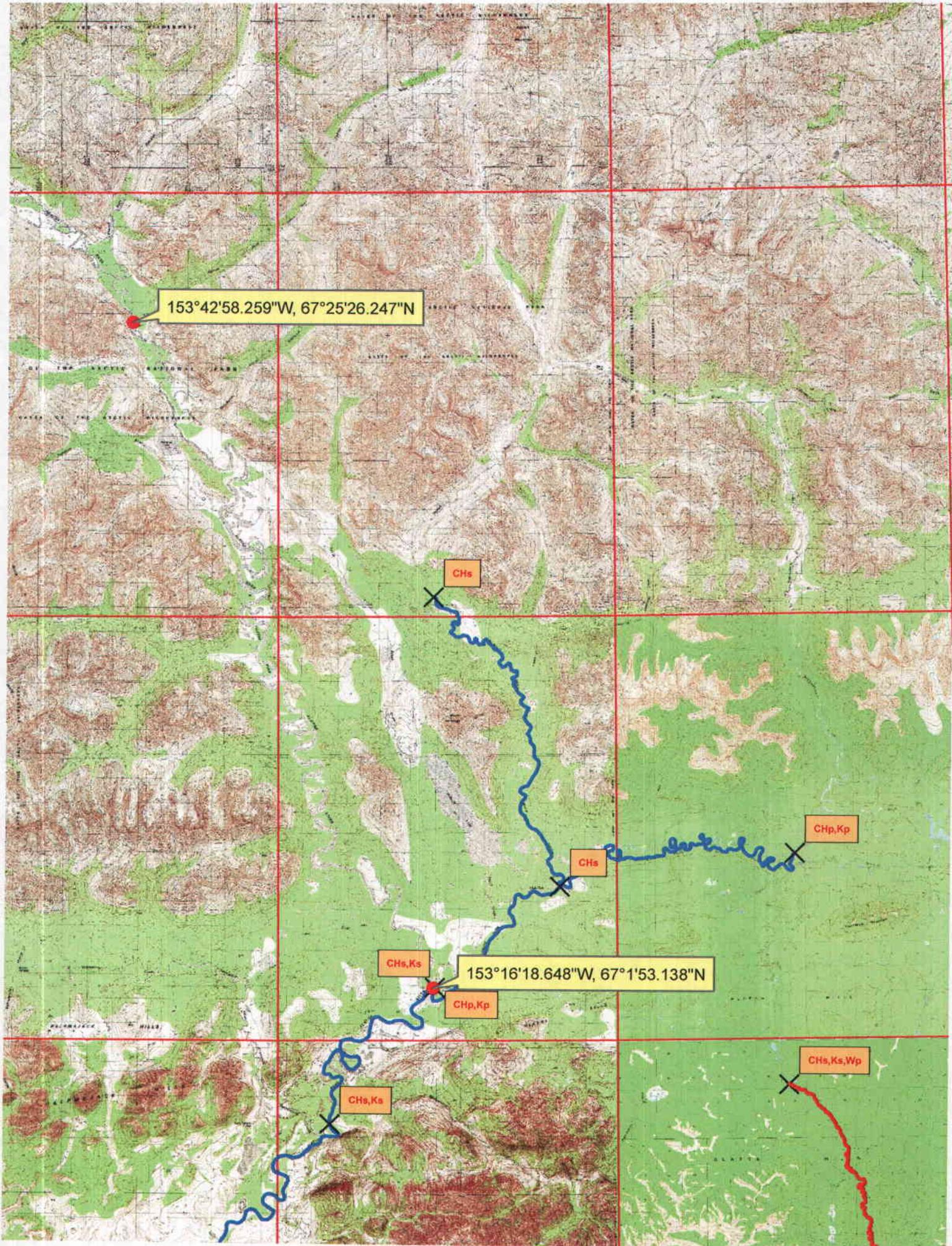
**Comments:**  
 Please see attached maps and sample information. 93-070, 92-768  
Supports Chum salmon presence in  
334-40-11000-2125-3661

ALASKA DEPT. OF FISH & GAME  
MAY 30 2007

Name of Observer (please print): Mike McDougall  
 Signature: [Signature] Date: 3/31/2007  
 Agency: Yukon River Drainage Fisheries Association  
 Address: 725 Christensen Drive Suite 3-B  
Anchorage, Alaska 99501

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 Fish Distribution Database.

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_  
 Name of Area Biologist (please print): \_\_\_\_\_ Revision 02/05



153°42'58.259"W, 67°25'26.247"N

CHs

CHp,Kp

CHs

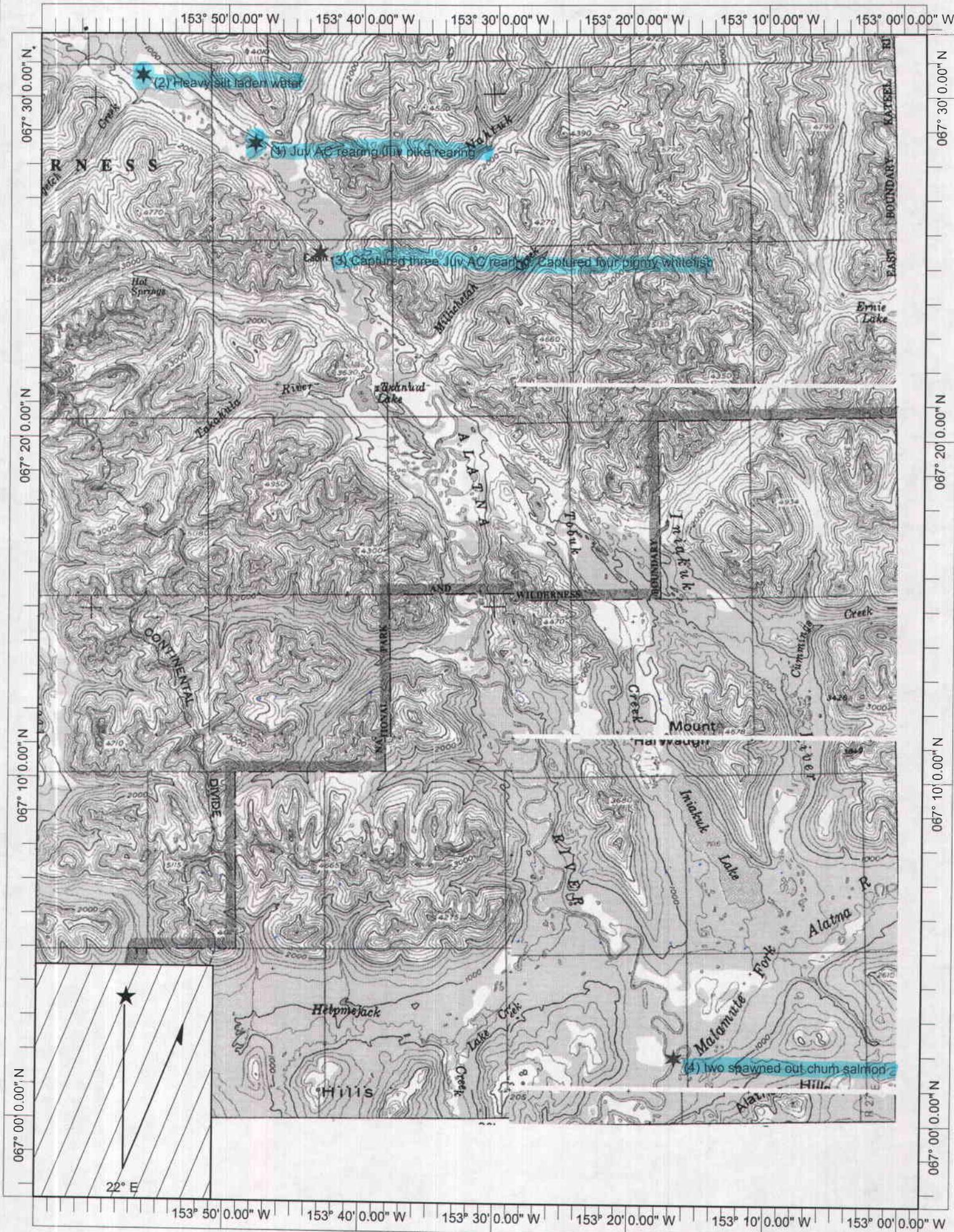
CHs,Ks

CHp,Kp

153°16'18.648"W, 67°1'53.138"N

CHs,Ka

CHs,Ks,Wp



## Background

In August 2006, Yukon River Drainage Fisheries Association fisheries biologist Mike McDougall and local fisheries technician Harding Sam conducted field sampling for fish on the Alatna River. These efforts were part of a larger project (2006 NOAA objective 2. Koyukuk River Fish Investigations) that documented local knowledge fish spawning and rearing areas. Field sampling was undertaken to verify and add to information gained in interviews of elders and knowledgeable fisher's in the area.

## Sampling Method

Fish were sampled using a 30m long by 2m deep delta mesh (7mm) beach seine. Two to three sets were conducted at each site. Captured fish were transferred to clear, one-gallon Ziploc bags for observation and identification. Fish were keyed using Morrow (1980) Freshwater Fish of Alaska. All sampled fish were released at the point of capture and no fish were collected.

## Sample Locations

Sample locations are shown on the attached map (see star next to site number). A total of four sites are being submitted with this nomination form. Latitude and longitude for each site was recorded using a Garmin e-trex GPS receiver set to NAD 27 Alaska datum. The information below summarizes field notes for each site by number.

Site 1. N 67 28' 38.4" W 153 47' 43.3". One juvenile pike ~ 150mm rearing in pool on gravel beach. One juvenile Arctic char keyed using Morrow (1980).

67° 28' 36.64064" 153° 47' 53.39434"

Site 2. No fish data. For information only. N 67 30' 38.1" W 153 56' 13.0" Silt laden water at mouth and upstream within this river turning water the color of "coffee with cream". Local observer notes that this is unusual. Enough silt to cause mainstem Alatna turn greenish in color below the confluence of this river.

Site 3. N 67 25' 28.0" W 153 42' 48.2". Three juvenile char ~ 45-50mm. Four pygmy whitefish range in size from ~ 50-120mm.

67° 25' 26.24694" 153° 42' 58.25927"

Site 4. N 67 01' 54.9" W 153 16' 08.8". Mouth of Malamute Fork. Two dead chum adults. Spawned out male and female.

67° 01' 53.13839" 153° 16' 18.64624"

For questions regarding this nomination form, please contact:

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