



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

Fish Survey  
Nomination Form  
Fish Distribution Database

Region: Southwest

USGS Quad: Taylor Mts B-6

Fish Distribution Database Number of Waterway: 325-30-10100-2435

Status: Cataloged

Name of Waterway: King Salmon River

USGS Name  Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

Nomination #	<u>06-<del>877</del> 847</u>	ADFG Fisheries Scientist	_____	Date	_____
Revision Year:	<u>2007</u>	ADNR OHMP Operations Mgr.	_____	Date	_____
Revision to:	Atlas _____ Catalog _____	FDD Project Biologist	_____	Date	_____
Revision Code:	<u>Both</u> <u>FZ</u>	Cartographer	_____	Date	_____

**Site Information** Station: FSN0604C07 Date Observed: 8/5/2006 Legal Desc.: Sec 31, T. 3 N., R. 51 W., S.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): Upstream 60.30982 -158.20579 WGS84  
Parameters: OHW Stream Stage: Medium Downstream 60.30862 -158.20376 WGS84  
Wetted Dominant Substrate:

Rosgen Channel Type: C4 Low gradient, meandering, point-bar, riffle/pool, alluvial channels with broad, well-defined floodplains.

Station Comments: For aquatic and riparian habitat values, see 04C06.

**Observation Information**

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon adult spawning	Samp. ID (# Fish): A (10)
Species\Lifestage: Chinook salmon juvenile	Samp. ID (# Fish): B (2)
Species\Lifestage: coho salmon juvenile	Samp. ID (# Fish): B (6)
Species\Lifestage: sockeye salmon adult spawning	Samp. ID (# Fish): A (30)
Species\Lifestage: sockeye salmon juvenile	Samp. ID (# Fish): B (1)

Life History: Resident

Species\Lifestage: Arctic grayling adult	Samp. ID (# Fish): A (3)
Species\Lifestage: slimy sculpin juvenile/adult	Samp. ID (# Fish): B (5)
Species\Lifestage: slimy sculpin juvenile	Samp. ID (# Fish): B (9)

**Key to Samp. ID**

Samp. ID: A Method: Visual Observation, Boat

Samp. ID: B Method: Boat-Mounted Electrofisher Electrofisher Time(s): 155 Efficiency: Fair

Only one sockeye salmon rearing

**Additional Comments:** This nomination supports adding to the FDD rearing Chinook and coho salmon throughout the King Salmon River, supports adding rearing sockeye salmon at this location and supports previous observations of spawning Chinook and sockeye salmon.

Name of Observer: Joe Buckwalter

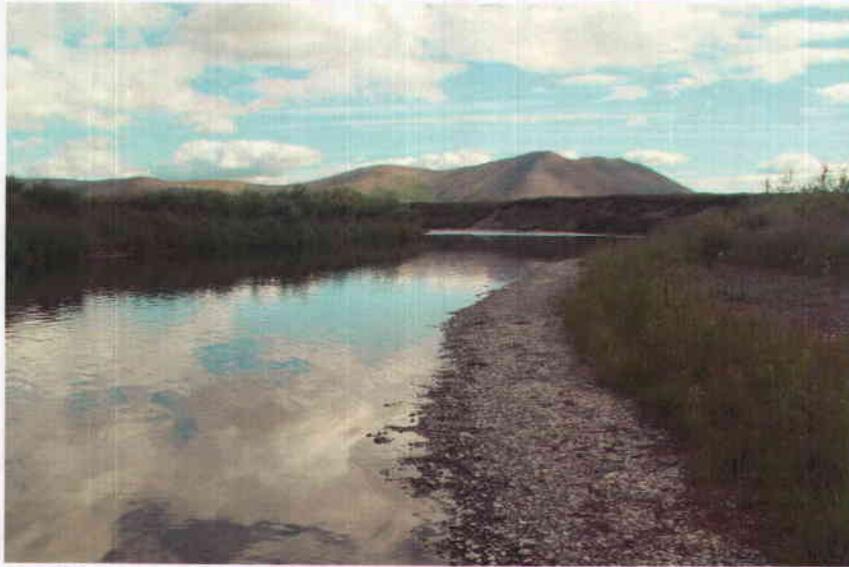
Phone: (907) 267-2345 Date Printed: 10/13/2006

Signature: Joe Buckwalter

Address: Alaska Department of Fish and Game, Division of Sport Fish  
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 Fish Distribution Database.

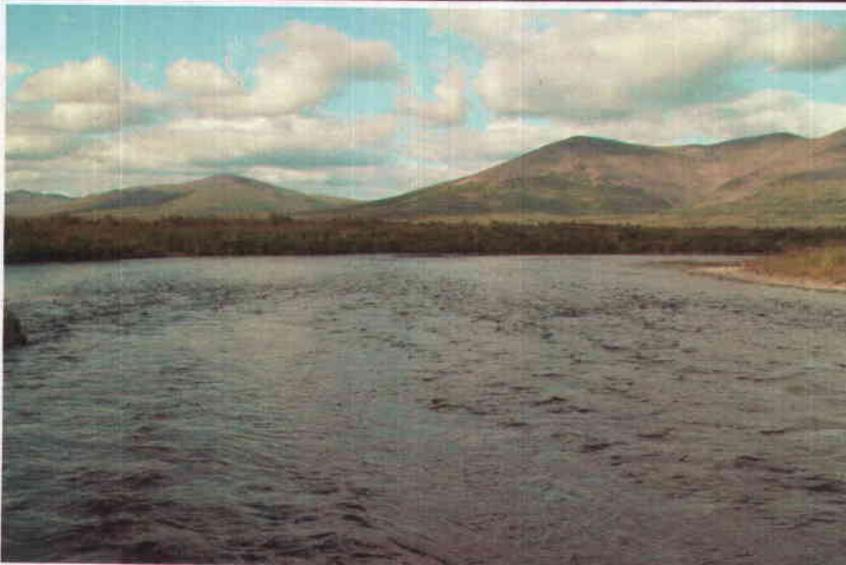
Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_



FSN0604C028.jpg



FSN0604C029.jpg



FSN0604C030.jpg



# STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

## DEPARTMENT OF FISH AND GAME

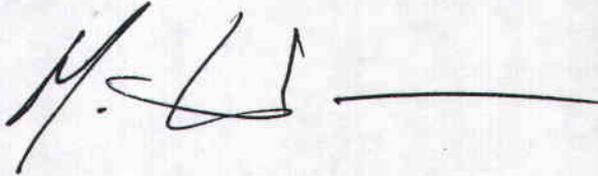
Division of Sport Fish

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### MEMORANDUM

TO: J. Johnson  
Habitat Biologist

FROM: Michael Wiedmer  
Habitat Biologist  
Region V



DATE: October 13, 2006

SUBJECT: 2006 King Salmon River nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the King Salmon River mainstem (325-30-10100-2435). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 12 separate mainstem King Salmon River fish sampling efforts and 1 opportunistic observation. Results from these individual sampling efforts provide backup information for current listings of Dolly Varden spawning sockeye, Chinook, and adult coho salmon.

Collectively, the 12 sampling efforts support adding to the FDD/AWC rearing Chinook (observed at 12 of 12 sampled locations, Figure 1) throughout the mainstem; rearing coho (observed at 11 of 12 sampled locations, Figure 2) throughout the mainstem; rearing sockeye (observed at 1 of 12 locations, Figure 3) which are likely patchily distributed throughout the middle and lower river; and adult chum salmon upstream to FSN0604C03 (Figure 4).

These 13 observations are bundled into 5 packages, each representing a set of observations from a contiguous reach of the King Salmon River mainstem. These packages are ordered from downstream to upstream.

#### References Cited.

Wiedmer, M. 2006. Inventory and modeling of fish distribution in Nushagak—Mulchatna drainage streams: FY 2007 Operational Plan. Alaska Department of Fish and Game, Division of Sport Fish, Anchorage.