



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>06-643</u>	ADFG Fisheries Scientist	Date
Revision Year: <u>2007</u>	ADNR OHMP Operations Mgr.	Date
Revision to: Atlas _____ Catalog _____	FDD Project Biologist	Date
Both _____	Cartographer	Date
Revision Code: <u>F1</u>		

Site Information Station: FSN0604C03 Date Observed: 8/5/2006 Legal Desc.: Sec 25, T. 3 N., R. 52 W., S.M. Latitude: Longitude: Datum:

Stream Parameters: OHW Depth (m) Width (m) Water Temp. (C): Upstream 60.31996 -158.24187 WGS84

Wetted Stream Stage: Medium Downstream 60.31892 -158.24002 WGS84

Dominant Substrate:

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

Station Comments: See station 04C05 for aquatic and riparian habitat values, and 04C06 for discharge estimate.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile Samp. ID (# Fish): A (6)

Species\Lifestage: chum salmon adult Samp. ID (# Fish): B (1)

Species\Lifestage: coho salmon juvenile Samp. ID (# Fish): A (2)

Life History: Resident

Species\Lifestage: slimy sculpin adult Samp. ID (# Fish): A (1)

Species\Lifestage: slimy sculpin juvenile/adult Samp. ID (# Fish): A (2)

Species\Lifestage: slimy sculpin juvenile Samp. ID (# Fish): A (14)

Key to Samp. ID

Samp. ID: A Method: Boat-Mounted Electrofisher Electrofisher Time(s): 179 Efficiency: Fair

Samp. ID: B Method: Visual Observation, Boat

only one chum salmon

Additional Comments: This nomination supports adding to the FDD rearing Chinook and coho salmon throughout the King Salmon River and supports extending adult chum salmon upstream to this location.

Name of Observer: Joe Buckwalter

Phone: (907) 267-2345

Date Printed: 10/13/2006

Signature: Joe Buckwalter

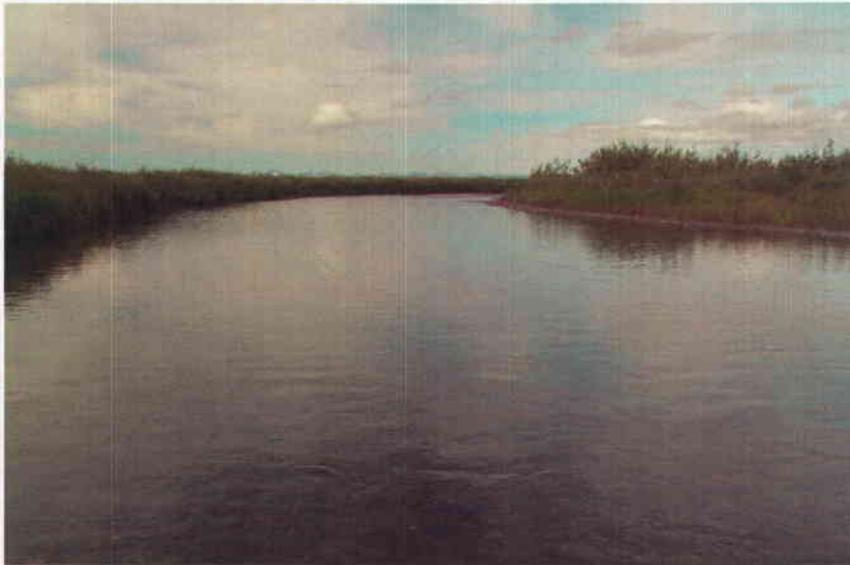
Address: Alaska Department of Fish and Game, Division of Sport Fish  
333 Raspberry Road  
Anchorage, AK 99518

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: \_\_\_\_\_



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FSN0604C013.jpg



# STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

## DEPARTMENT OF FISH AND GAME

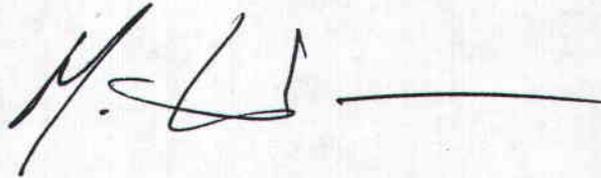
Division of Sport Fish

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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.