



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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest

USGS Quad: Lake Clark C-7

Fish Distribution Database Number of Waterway: 325-30-10100-2202-3510

Status: Cataloged

Name of Waterway: Chilikadrotna River

USGS Name

Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

Nomination # <u>06-696</u>	<u>[Signature]</u>	<u>11/20/06</u>
Revision Year: <u>2007</u>	ADFG Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>11/20/06</u>
Revision Code: <u>B-2</u>	ADNR OHMP Operations Mgr.	Date
	FDD Project Biologist	<u>11/08/06</u>
	<u>[Signature]</u>	Date
	Cartographer	<u>12/1/06</u>
		Date

Site Information Station: FSN0610A01 Date Observed: 8/11/2006 Legal Desc.: Sec 21, T. 6 N., R. 34 W., S.M. Latitude: Longitude: Datum:

Stream Parameters: Depth (m) Width (m) Water Temp. (C): 10.13 Upstream 60.60203 -155.26327 WGS84
OHW Stream Stage: Medium Downstream 60.60005 -155.27141 WGS84

Wetted 1.3 40.0 Dominant Substrate: Gravel

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

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon carcass	Samp. ID (# Fish): B (1)
Species\Lifestage: Chinook salmon juvenile	Samp. ID (# Fish): A (9)
Species\Lifestage: sockeye salmon adult	Samp. ID (# Fish): B (20)
Species\Lifestage: sockeye salmon juvenile	Samp. ID (# Fish): A (3)

Life History: Resident

Species\Lifestage: Arctic grayling adult	Samp. ID (# Fish): B (3)
Species\Lifestage: Arctic grayling juvenile/adult	Samp. ID (# Fish): A (1)
Species\Lifestage: rainbow trout juvenile/adult	Samp. ID (# Fish): B (3)
Species\Lifestage: sculpin-unspecified adult	Samp. ID (# Fish): A (4)

Key to Samp. ID

Samp. ID: A Method: Boat-Mounted Electrofisher Electrofisher Time(s): 390 Efficiency: Poor

Samp. ID: B Method: Visual Observation, Boat

Add Chinook and sockeye salmon rearing to

Additional Comments: This nomination supports adding to the FDD rearing Chinook and sockeye salmon and supports previous observations of adult sockeye and Chinook salmon.

325-30-10100-2202-3510

Name of Observer: Ryan Snow

Phone: (907) 267-2876

Date Printed: 10/24/2006

Signature: [Signature]

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: _____



State of Alaska
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FSN0610A345.jpg



FSN0610A346.jpg



FSN0610A347.jpg





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FSN0610A349.jpg



FSN0610A350.jpg



FSN0610A351.jpg



FSN0610A352.jpg



FSN0610A353.jpg





**State of Alaska
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FSN0610A354.jpg

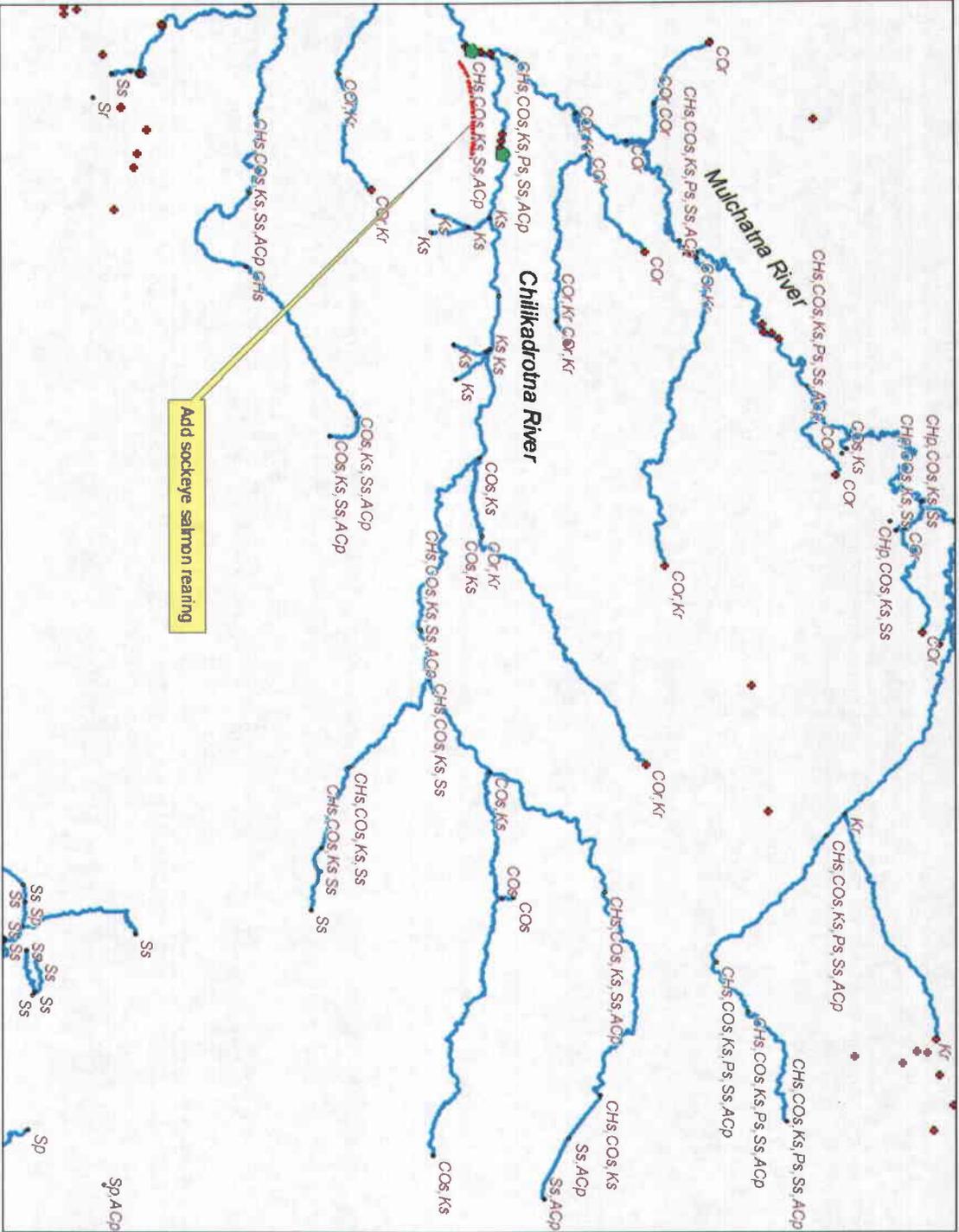


Figure 3.- Locations of Chilikadrotna River rearing sockeye salmon observations (see attached nominations for station coordinates).

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

DEPARTMENT OF FISH AND GAME

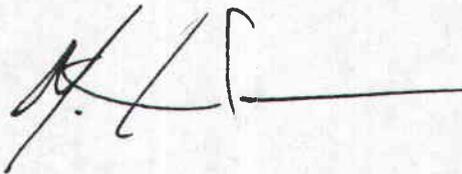
Division of Sport Fish

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EMAIL: mike_wiedmer@fishgame.state.ak.us

MEMORANDUM

TO: J. Johnson
Habitat Biologist

FROM: Michael Wiedmer
Habitat Biologist
Region V



DATE: October 24, 2006

SUBJECT: 2006 Chilikadrotna River system nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Chilikadrotna River (325-30-10100-2202-3510) system. In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 4 fish sampling efforts on the Chilikadrotna River. Observations from these individual sampling efforts provide backup information for current listings of adult sockeye, Chinook, and chum salmon.

Collectively, the 4 Chilikadrotna River observations support adding to the FDD/AWC rearing Chinook salmon (observed at 4 of 4 sampled locations, Figure 1) upstream to their currently documented distribution on Ptarmigan Creek (325-30-10100-2202-3510-4089) and suggests adding them throughout the currently documented Chilikadrotna River system distribution of Chinook salmon spawning; rearing coho salmon (observed at 1 of 4 sampled locations, Figure 2) upstream to their currently documented distribution on Ptarmigan Creek (325-30-10100-2202-3510-4089) and suggests adding them throughout the currently documented Chilikadrotna River system distribution of coho salmon spawning; and rearing sockeye salmon (observed at 2 of 4 sampled locations, Figure 3) throughout the mainstem upstream to Station FSN0610A01. This location represents the furthest upstream Mulchatna River drainage observation of sockeye salmon riverine rearing. Lake rearing likely occurs upstream in the headwater lakes of the Chilikadrotna River and may occur further upstream in the Chilikadrotna River itself.

These 4 observations are bundled into 1 package, which represents a set of observations from contiguous reach of the Chilikadrotna River.

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.

06 696

KP SR

ET

RIVER

CHILIKADROTNA

KP SR

ADD KP SR to

325-30-10100 2202-3518

CHs COs Ks Ps Ss ACP

CHs COs Ks Ps Ss ACP

Cabin

