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

Fish Survey
Nomination Form DILD3,03,C3 X
Fish Distribution Database
TaySB1, A1, A2

Region: Southwest
USGS Quad: Lake Clark C-7, B-8

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

Name of Waterway: Mulchatna River
☑ **USGS Name** ☐ **Local Name**

☑ **Addition** ☐ **Deletion** ☐ **Correction** ☑ **Backup Information**

For Office Use

Nomination # C6-610
Revision Year: 2007

Revision to: Atlas _____ Catalog _____
Both X
Revision Code: B-2

ADFG Fisheries Scientist	11/20/06 Date
ADNR OHMP Operations Mgr.	11/20/06 Date
FDD Project Biologist	11/28/06 Date
Cartographer	11/30/06 Date

Site Information

Station: FSN0609A04 **Date Observed:** 8/10/2006 **Legal Desc.:** Sec 27, T. 6 N., R. 35 W., S.M.

		Latitude:	Longitude:	Datum:
Upstream		60.58176	-155.39630	WGS84
Downstream		60.57727	-155.40283	WGS84

Stream Parameters:

	Depth (m)	Width (m)
OHW		
Wetted	1.2	49.0

Water Temp. (C): 10.58
Stream Stage: Medium
Dominant Substrate: Gravel

Rosgen Channel Type: D4 *Braided channel with longitudinal and transverse bars. Very wide channel with eroding banks.*

Observation Information

Life History: Obligate anadromous population

Species\Lifestage:	Samp. ID (# Fish):
Chinook salmon adult	B (2)
Chinook salmon juvenile	A (43)
coho salmon juvenile	A (1)
sockeye salmon juvenile	A (2)

Life History: Resident

Species\Lifestage:	Samp. ID (# Fish):
Arctic grayling adult	B (10)
Arctic grayling juvenile/adult	A (2)
Arctic grayling juvenile	A (5)
rainbow trout juvenile/adult	A (1)
sculpin-unspecified adult	A (1)
round whitefish adult	A (1)
round whitefish juvenile/adult	A (3)

Life History: Unknown

Species\Lifestage:	Samp. ID (# Fish):
Arctic-Alaskan brook lamprey paired species juvenile	A (1)

Additional Comments: This nomination supports the addition in the Mulchatna River of rearing Chinook upstream to Summit Ck, of rearing coho upstream to the Half Cabin Lakes area, and represents the furthest upstream observation of rearing sockeye salmon in the Mulchatna R.

ADD [redacted] to 325-30-10100-2202

Name of Observer: Ryan Snow SR Phone: (907) 267-2876 Date Printed: 10/9/2006

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:** _____

Printed from: I:\HR_Projs\Fish_Surveys\FSN06\FishSurv_PG.MDB **Location:** Anchorage

Key to Samp. ID

Samp. ID: A **Method:** Boat-Mounted Electrofisher

Samp. ID: B **Method:** Visual Observation, Boat

FSN0609A334.jpg

FSN0609A335.jpg

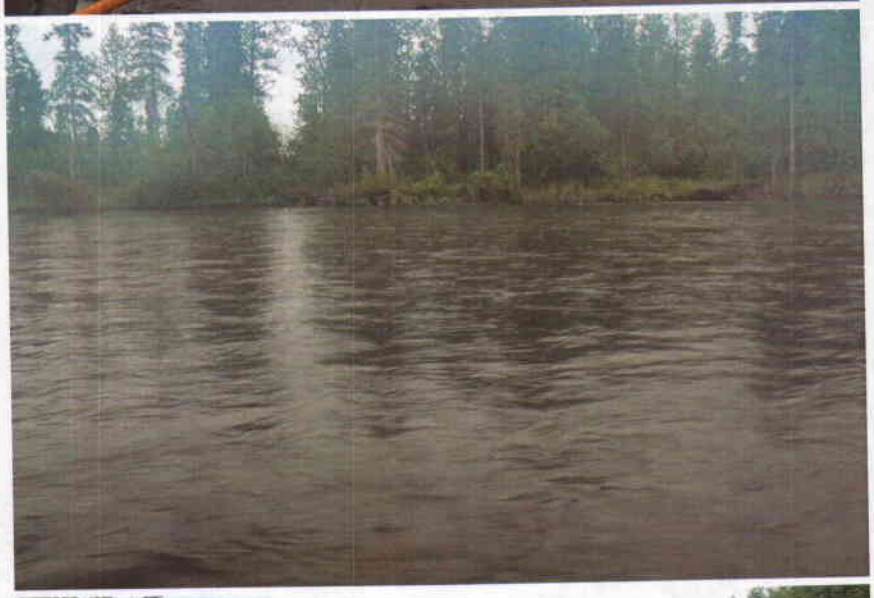
FSN0609A336.jpg

FSN0609A337.jpg

FSN0609A338.jpg

FSN0609A339.jpg

FSN0609A340.jpg



FSN0609A341.jpg

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

333 Raspberry Road
Anchorage, AK 99518-1599
PHONE: (907) 267-2292
FAX: (907) 267-2464
EMAIL: mike_wiedmer@fishgame.state.ak.us

MEMORANDUM

TO: J. Johnson
Habitat Biologist

FROM: Michael Wiedmer
Habitat Biologist
Region V

DATE: October 9, 2006

SUBJECT: 2006 Mulchatna River mainstem nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Mulchatna River mainstem (325-30-10100-2202). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 43 separate mainstem Mulchatna River fish sampling efforts. Observations from these individual sampling efforts provide backup information for current listings of adult sockeye, Chinook, coho, and chum salmon and Dolly Varden.

Collectively, these 43 observations support adding to the FDD/AWC rearing Chinook (observed at 43 of 43 sampled locations, Figure 1) throughout the mainstem upstream to the Summit Creek confluence; coho (observed at 16 of 43 sampled locations, Figure 2) throughout the mainstem upstream to the Half Cabin Lake area (mouth of 325-30-10100-2202-3890); and sockeye salmon (observed at 12 of 43 locations, Figure 3) throughout the mainstem upstream to the mouth of the Chilikadrotna River.

These 43 observations are bundled into 10 packages, each representing a set of observations from a contiguous reach of the Mulchatna 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.

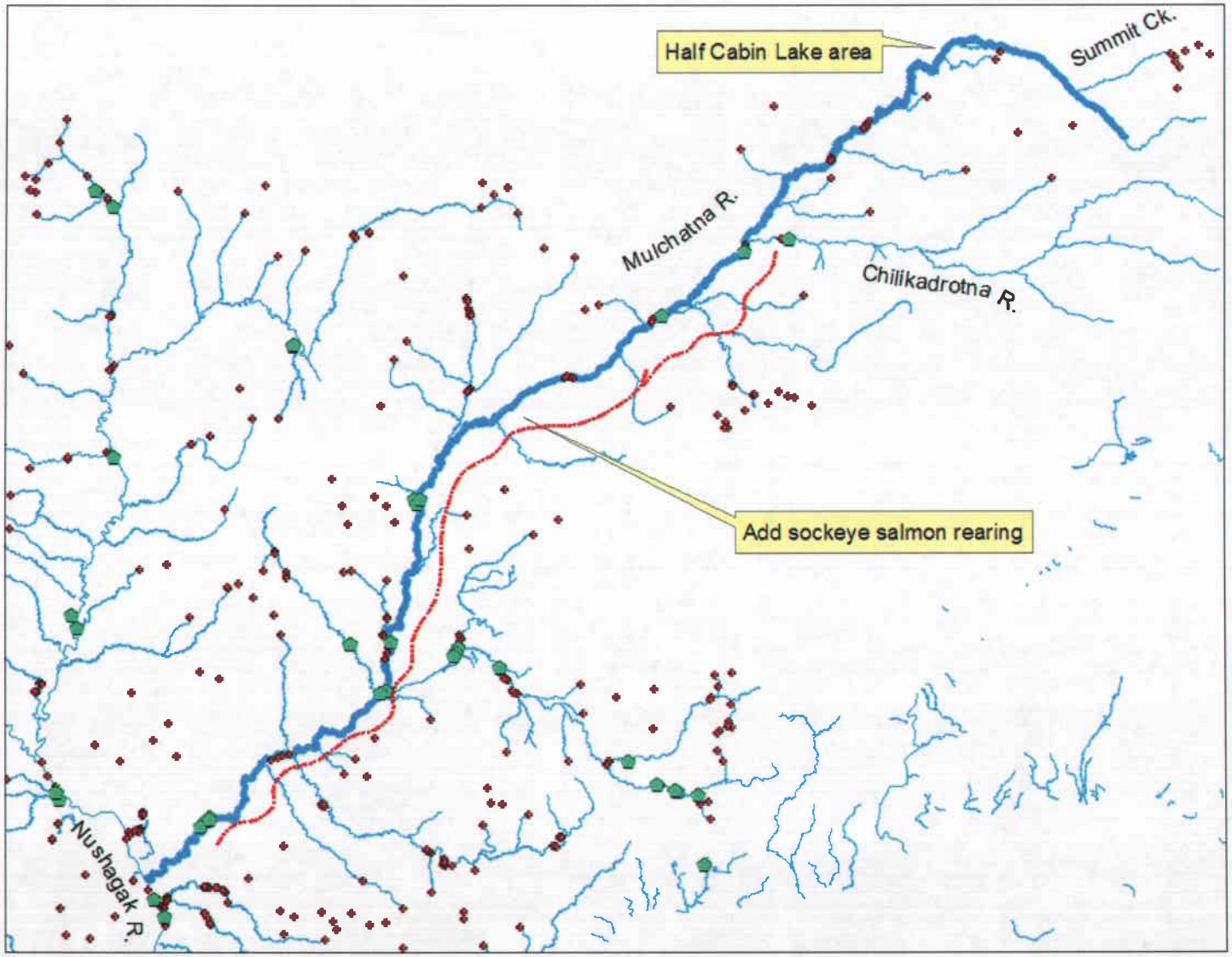


Figure 3.-Locations of Mulchatna River rearing sockeye salmon observations.

Kr
COr
Sr
COr
Kr
Sr
COr, Sr
Add Kr then out
325-30-1010-2202