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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest

USGS Quad: Iliamna D-8 D-7 DILD1, D2

Fish Distribution Database Number of Waterway: 325-30-10100-2202-3080

Status: Cataloged

Name of Waterway: Koktuli River South Fork

☑ **USGS Name** ☐ **Local Name**

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

For Office Use

Nomination # 06-664

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	11/08/06 Date
Cartographer	11/29/06 Date

Site Information **Station:** FSN0617C02 **Date Observed:** 8/17/2006 **Legal Desc.:** Sec 25, T. 4 S., R. 37 W., S.M.

	Depth (m)	Width (m)	Water Temp. (C):		Latitude:	Longitude:	Datum:
Stream Parameters:	OHW		**Stream Stage:** Medium	**Upstream**	59.79776	-155.56729	WGS84
	Wetted		**Dominant Substrate:**	**Downstream**	59.79958	-155.56953	WGS84

Rosgen Channel Type: C3 *Low gradient, meandering, point-bar, riffle/pool, alluvial channels with broad, well-defined floodplains.*

Station Comments: See 17C01 for aquatic and riparian habitat values.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile	**Samp. ID (# Fish):** A (14)
Species\Lifestage: coho salmon juvenile	**Samp. ID (# Fish):** A (3)
Species\Lifestage: sockeye salmon adult (suspected spawning)	**Samp. ID (# Fish):** B (1)
Species\Lifestage: sockeye salmon juvenile	**Samp. ID (# Fish):** A (1)

Life History: Facultative anadromous population, unknown individual life history

Species\Lifestage: Dolly Varden juvenile/adult	**Samp. ID (# Fish):** A (2)
Species\Lifestage: Dolly Varden juvenile	**Samp. ID (# Fish):** A (1)

Life History: Resident

Species\Lifestage: Arctic grayling adult	**Samp. ID (# Fish):** A (1) B (3)
Species\Lifestage: slimy sculpin adult	**Samp. ID (# Fish):** A (1)
Species\Lifestage: slimy sculpin juvenile/adult	**Samp. ID (# Fish):** A (1)
Species\Lifestage: slimy sculpin juvenile	**Samp. ID (# Fish):** A (3)

Add ~~FR~~ Chinook and sockeye coho salmon Rearing thru out 325-30-10100-2202-3080

Additional Comments: This nomination supports adding to the FDD for this portion of the Koktuli R. rearing Dolly Varden and sockeye salmon and supports previous observations of rearing Chinook and coho salmon and adult sockeye salmon.

Name of Observer: Joe Buckwalter Phone: (907) 267-2345 Date Printed: 10/23/2006

Signature: Joe Buckwalt

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

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

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

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

MEMORANDUM

TO: J. Johnson
Habitat Biologist

FROM: Michael Wiedmer
Habitat Biologist
Region V

DATE: October 23, 2006

SUBJECT: 2006 Koktuli River nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Koktuli River (325-30-10100-2202-3080). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 22 fish sampling efforts on this stream. Observations from these individual sampling efforts provide backup information for current listings of spawning sockeye, Chinook, and chum salmon, and adult coho salmon.

Collectively, these 22 observations support adding to the FDD/AWC rearing Chinook (observed at 20 of 22 sampled locations, Figure 1) throughout the mainstem upstream to the confluence of the North and South Forks, upstream of which they are currently documented; coho (observed at 12 of 22 sampled locations, Figure 2) throughout the mainstem upstream to the confluence of the North and South Forks, upstream of which they are currently documented; sockeye salmon (observed at 7 of 22 locations, Figure 3) throughout the mainstem upstream to the mouth of unnamed stream 325-30-10100-2202-3080-4199, in which they are currently documented; rearing Dolly Varden (observed at 12 of 22 sampled locations, Figure 4) from Station FSN0608C07 upstream to unnamed stream 325-30-10100-2202-3080-4204, which is the furthest upstream location of our observations. Other projects have identified char (incorrectly identified in the FDD as Arctic char) further upstream. Extending rearing Dolly Varden upstream to this location is consistent with our observations both in the Koktuli River drainage and throughout the Nushagak/Mulchatna drainage.

These 22 observations are bundled into 5 packages, each representing a set of observations from a contiguous reach of the Koktuli River. 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.

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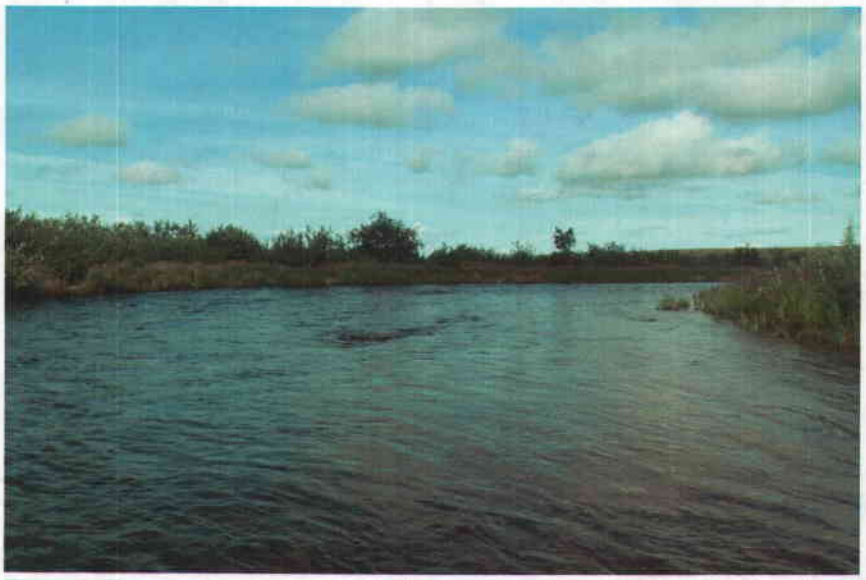
Key to Samp. ID

Samp. ID: A **Method:** Boat-Mounted Electrofisher **Electrofisher Time(s):** 404 **Efficiency:** Fair
Comments: Sampled slower channel margin.

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



FSN0617C005.jpg

FSN0617C006.jpg

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325-30-10100-2202-3080
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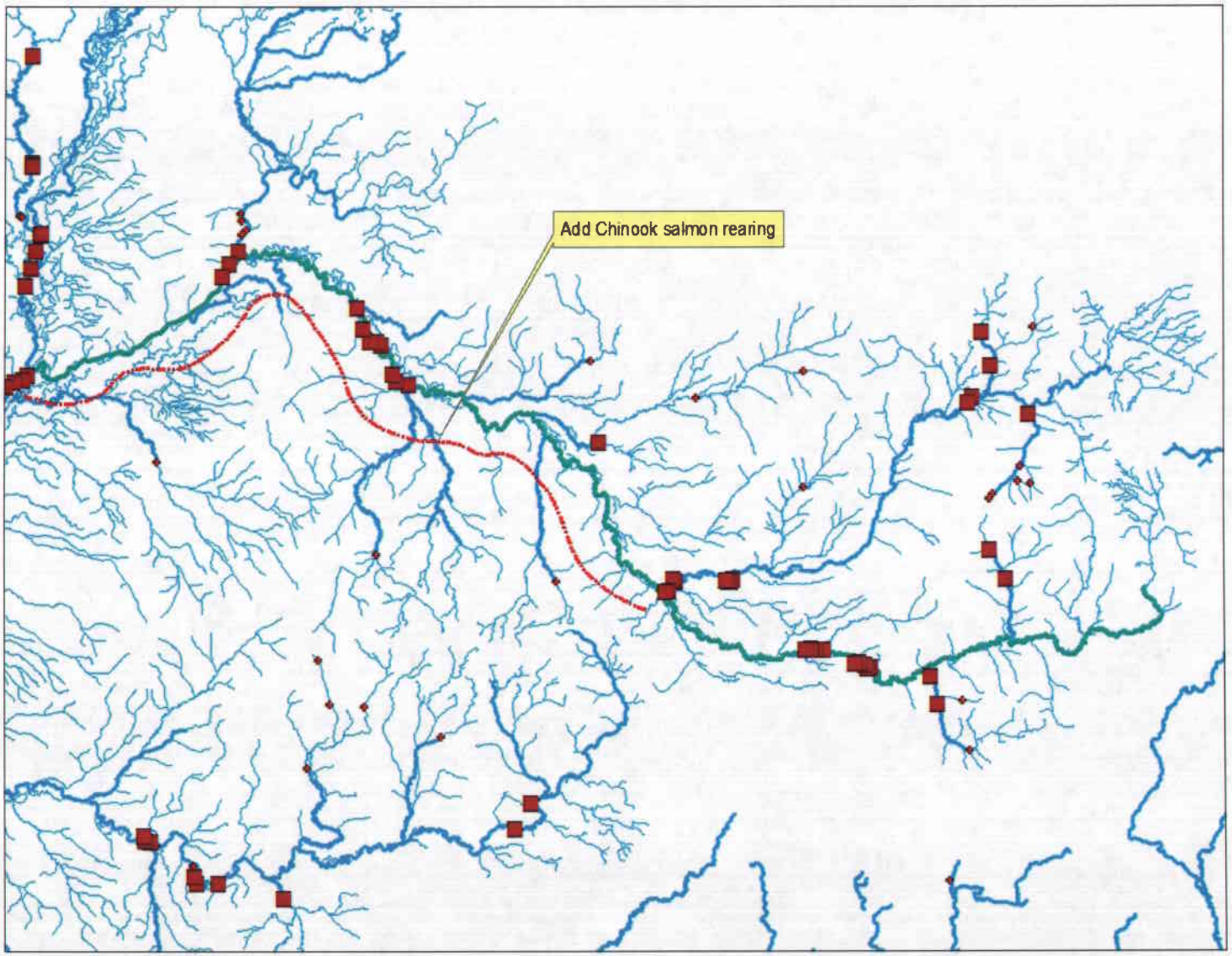

Figure 1.-Locations of Koktuli River rearing Chinook salmon observations (see attached nominations for station coordinates).

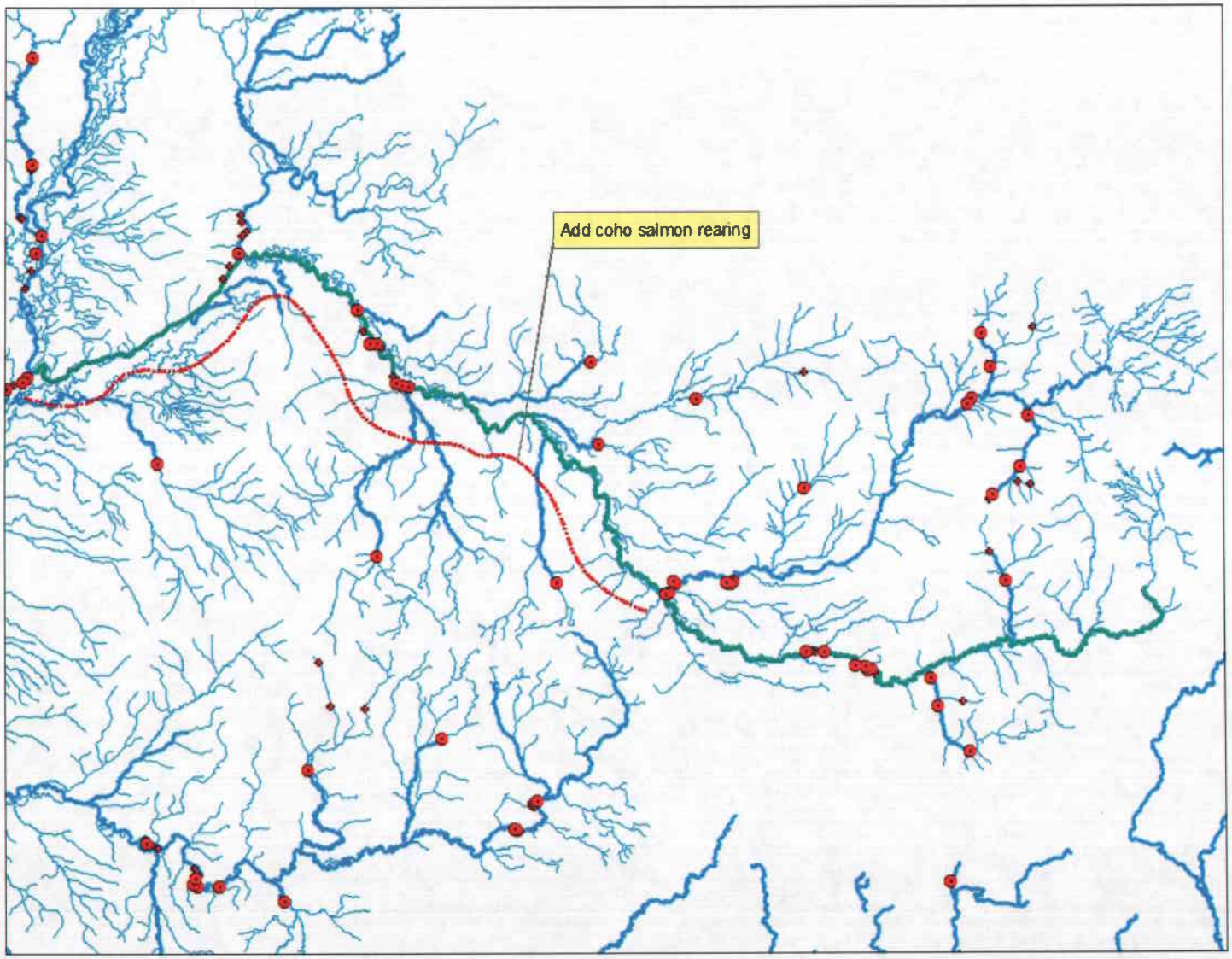

Figure 2.- Locations of Koktuli River rearing coho salmon observations (see attached nominations for station coordinates).

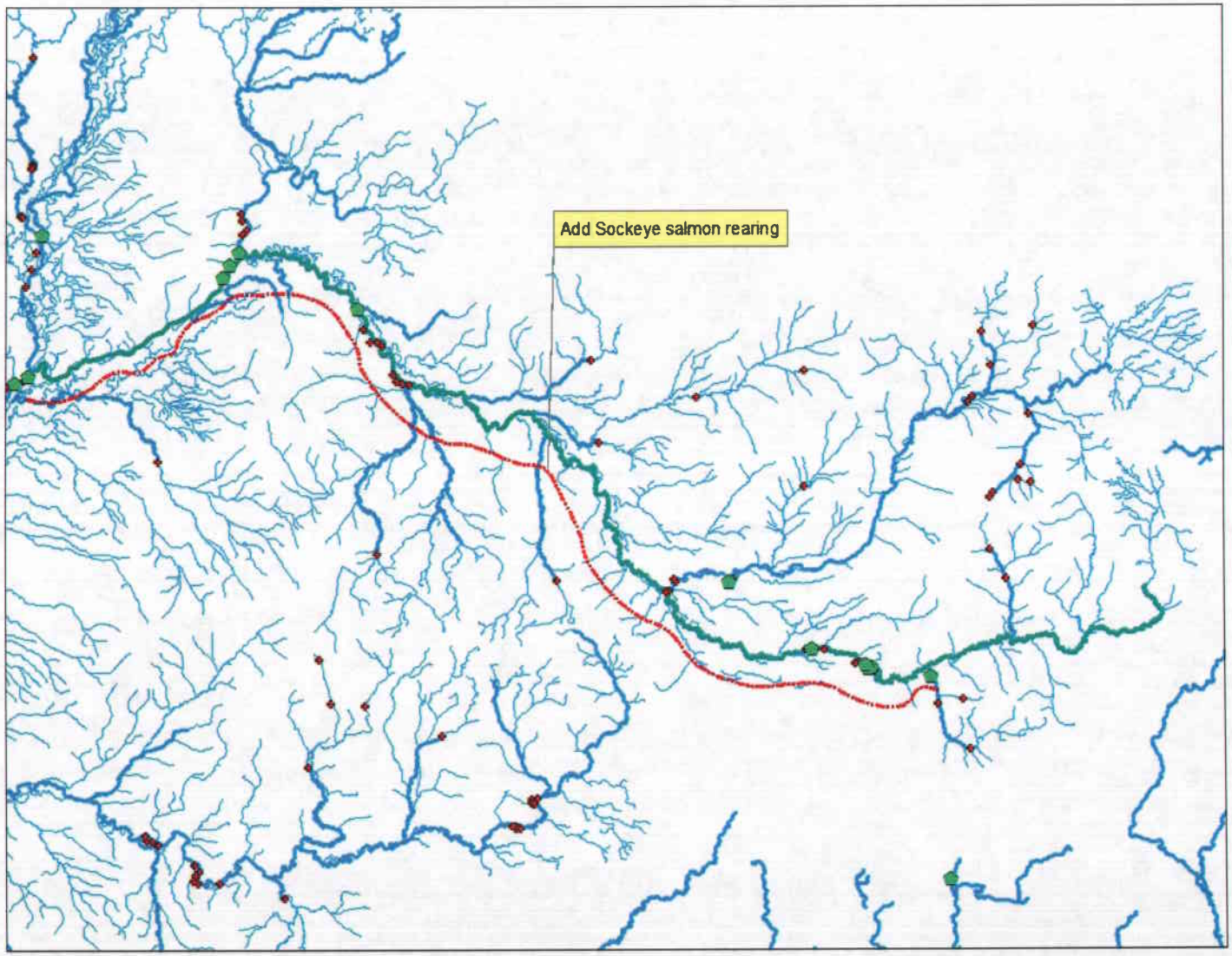

Figure 3.- Locations of Koktuli River rearing sockeye salmon observations (see attached nominations for station coordinates).

DU added per nm
06-698
06-684
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325-30-10100-2202-3080