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

Fish Survey
Nomination Form
Fish Distribution Database

X

Region: Southwest **USGS Quad:** Dillingham C-6 C5

Fish Distribution Database Number of Waterway: N/A 325-30-10100-2241-3118 **Status:** N/A

Name of Waterway: ☐ USGS Name ☐ Local Name

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

For Office Use

Nomination # C6-753
Revision Year: 2007
Revision to: Atlas _____ Catalog _____ Both X
Revision Code: A-2

ADFG Fisheries Scientist	11/20/06 Date
ADNR OHMP Operations Mgr.	11/20/06 Date
FDD Project Biologist	11/09/06 Date
Cartographer	12/5/06 Date

Site Information **Station:** FSN0603E02 **Date Observed:** 8/4/2006 **Legal Desc.:** Sec 24, T. 5 S., R. 51 W., S.M. **Latitude:** **Longitude:** **Datum:**

Stream Parameters:

	Depth (m)	Width (m)
OHW	0.5	2.2
Wetted	0.2	2.1

Water Temp. (C): 7.28 **Stream Stage:** Medium **Dominant Substrate:** Gravel

Station Coordinates 59.72513 -157.88428 WGS84

Rosgen Channel Type: E4 *Low gradient, meandering riffle/pool stream with low width/depth ratio and little deposition. Very efficient and stable. High meander width ratio.*

Station Comments: Upper limit of continuous channel within 200 m upstream. Frequent seeps and springs emerging from adjacent slope. Fontinalis and filamentous algal film on substrate. Two observed beaver dams downstream.

Observation Information

Life History: Obligate anadromous population
Species\Lifestage: Chinook salmon juvenile **Samp. ID (# Fish):** A (44)
Species\Lifestage: coho salmon juvenile **Samp. ID (# Fish):** A (25)

Life History: Facultative anadromous population, unknown individual life history
Species\Lifestage: Dolly Varden juvenile/adult **Samp. ID (# Fish):** A (4)
Species\Lifestage: Dolly Varden juvenile **Samp. ID (# Fish):** A (19)

Life History: Resident
Species\Lifestage: slimy sculpin adult **Samp. ID (# Fish):** A (1)
Species\Lifestage: slimy sculpin juvenile/adult **Samp. ID (# Fish):** A (22)
Species\Lifestage: slimy sculpin juvenile **Samp. ID (# Fish):** A (12)

Key to Samp. ID

Samp. ID: A **Method:** Portable Electrofisher **Electrofisher Time(s):** 521 **Efficiency:** Fair

Add new stream 325-30-10100-2241-3118 w/coho salmon and Chinook salmon rearing and Dolly Varden rearing

Additional Comments: This nomination supports adding to the FDD in this tributary to Napotoli Creek rearing Dolly Varden, and Chinook and coho salmon.

Name of Observer: Michael Wiedmer Phone: (907) 267-2292 Date Printed: 10/31/2006

Signature: MICHAEL

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:** _____

FSN0603E02021.jpg

FSN0603E02022.jpg

FSN0603E02023.jpg

FSN0603E02024.jpg

Figure 3.- Locations of Napotoli Creek rearing Dolly Varden observations.

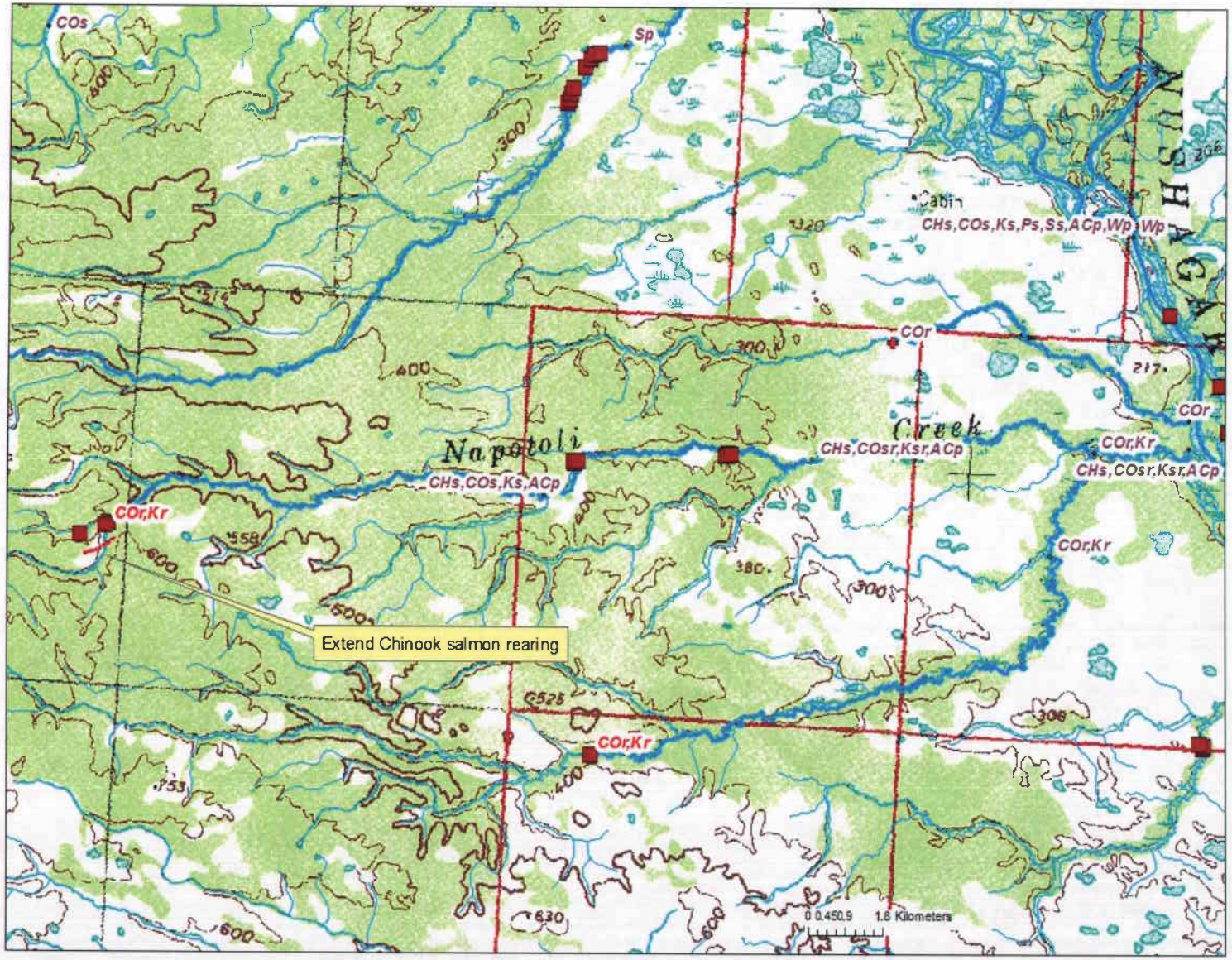


Figure 1.-Locations of Napotoli Creek rearing Chinook salmon observations.

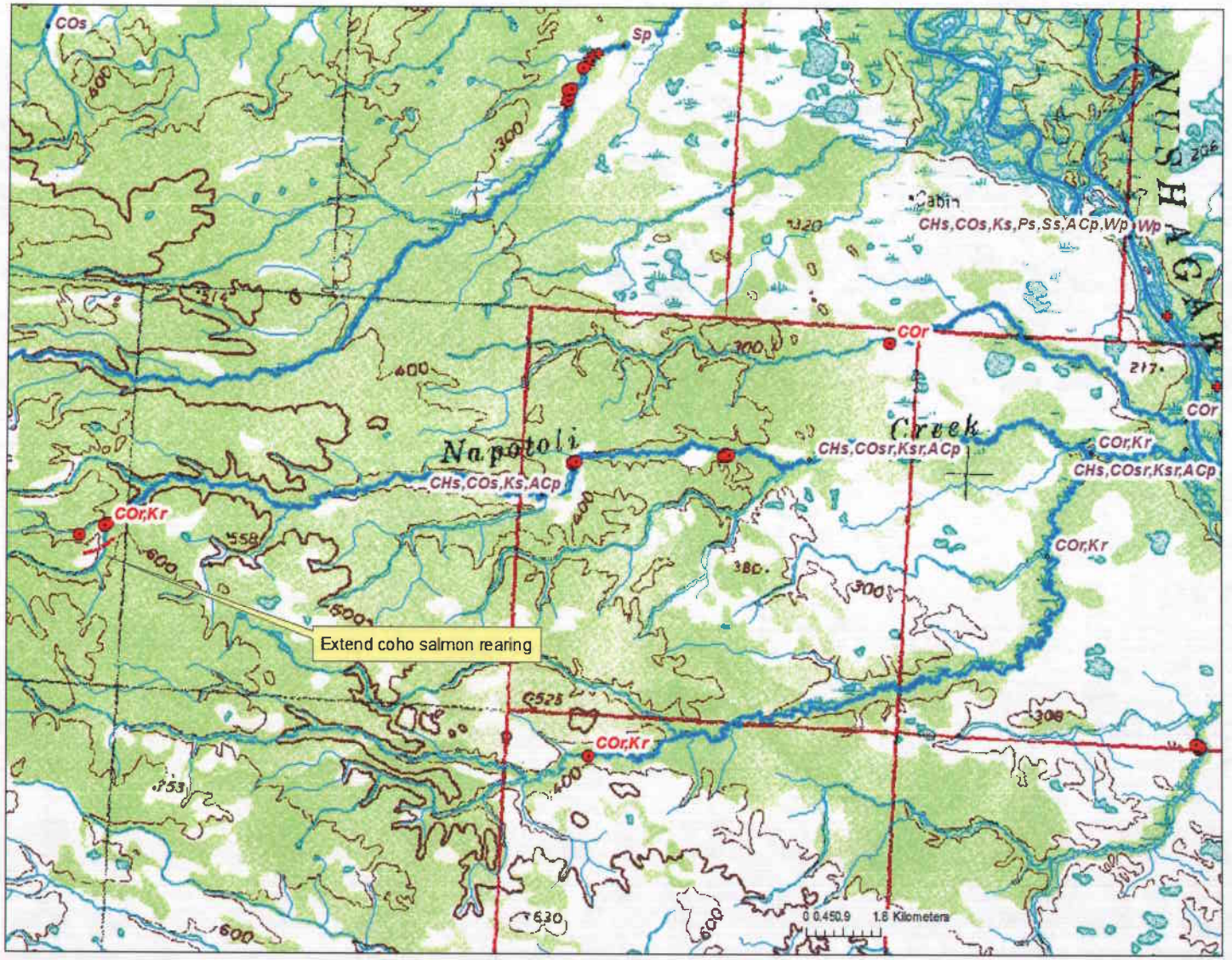


Figure 2.- Locations of Napotoli Creek rearing coho salmon observations.

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

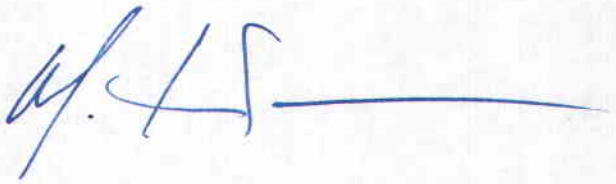
FRANK MURKOWSKI, GOVERNOR

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 31, 2006

SUBJECT: 2006 Napotoli Creek system nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for Napotoli Creek (325-30-10100-2241) and an uncataloged, unnamed headwater tributary. In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 10 fish sampling efforts on this system. A previous inventory (ADF&G 2006, Wiedmer 2003) produced another fish sampling effort in the headwaters.

Collectively, these sampling efforts support adding to the FDD/AWC rearing Chinook salmon (observed at 11 of 11 sampled locations, Figure 1) upstream to Station FSN0603E02; rearing coho salmon (observed at 10 of 11 sampled locations, Figure 2) upstream to Station FSN0603E02; rearing Dolly Varden (observed at 3 of 12 locations, Figure 3) between stations FSB0309A03 and FSN0603E02; support extending chum salmon spawning (observed at 2 of 11 sampled locations, Figure 4) upstream to Station FSN0603E01; and extending Chinook salmon spawning (observed at 1 of 11 sampled locations, Figure 5) upstream to Station FSN0603E01.

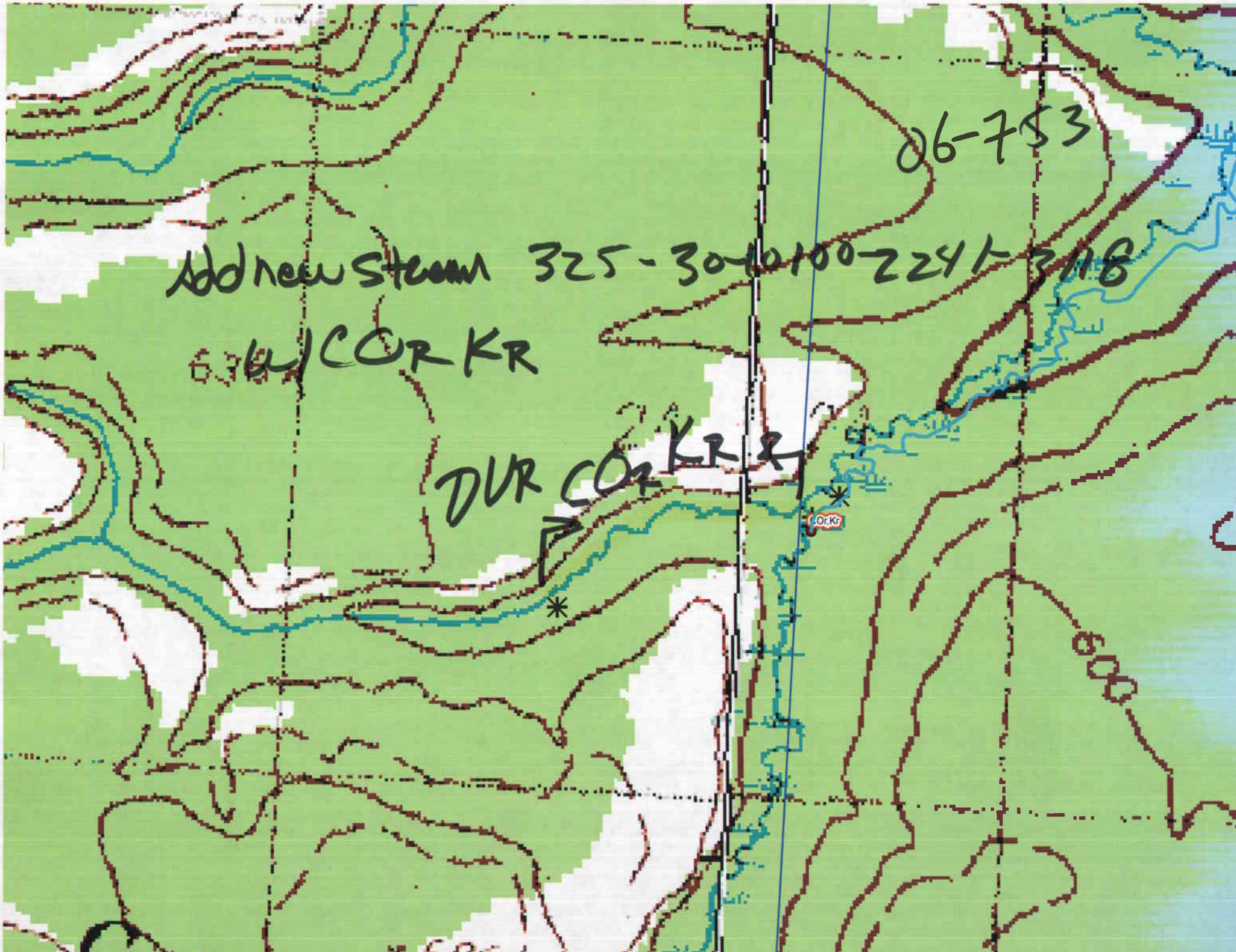
The 10 2006 observations are bundled into 4 packages, each representing a set of observations from a contiguous reach of this stream. These packages are ordered from downstream to upstream.

References Cited.

ADF&G (Alaska Department of Fish and Game). 2006. Alaska Freshwater Fish Inventory. Alaska Department of Fish and Game, Division of Sport Fish, Anchorage. http://www.sf.adfg.state.ak.us/SARR/Surveys/index.cfm.

Wiedmer, M. 2003. Synoptic inventory of anadromous fish distribution in Southcentral Alaska freshwaters: FY 2004 Operational Plan. Alaska Department of Fish and Game, Division of Sport Fish, Anchorage.

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.


06-753
Add new stream 325-30-10100-2241-3118
w/ COr Kr
DUR COr Kr
COr.Kr
600
686