



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

Fish Survey  
Nomination Form  
Fish Distribution Database

Region: Southwest

USGS Quad: Dillingham C-3

Fish Distribution Database Number of Waterway: 325-30-10100-2190

Status: Cataloged

Name of Waterway: Nunachuak Creek

USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

|  |                           |                 |
|--|---------------------------|-----------------|
| Nomination # <u>06-564</u>             | <u>[Signature]</u>        | <u>11/20/06</u> |
| Revision Year: <u>2009</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            |
|  | <u>[Signature]</u>        | <u>11/19/06</u> |
|  | FDD Project Biologist     | Date            |
|  | <u>[Signature]</u>        | <u>12/6/06</u>  |
|  | Cartographer              | Date            |

Site Information Station: FSN0614C01 Date Observed: 8/14/2006 Legal Desc.: Sec 26, T. 6 S., R. 45 W., S.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): 10.54 Upstream 59.63001 -156.87886 WGS84  
Parameters: OHW 0.9 15.8 Stream Stage: High Downstream 59.62987 -156.88208 WGS84  
Wetted 0.7 15.1 Dominant Substrate: Gravel

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

Station Comments: heavy rain all night.

Observation Information

Life History: Obligate anadromous population

Species/Lifestage: Chinook salmon juvenile Samp. ID (# Fish): A (2)

Life History: Resident

Species/Lifestage: Arctic grayling juvenile/adult Samp. ID (# Fish): A (1) B (6)

Species/Lifestage: Arctic grayling juvenile Samp. ID (# Fish): A (1)

Species/Lifestage: longnose sucker juvenile/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 (1)

Species/Lifestage: round whitefish juvenile Samp. ID (# Fish): A (1)

Key to Samp. ID

Samp. ID: A Method: Boat-Mounted Electrofisher Electrofisher Time(s): 105 Efficiency: Poor

Comments: Humic, high, fast water, rain.

Samp. ID: B Method: Visual Observation, Boat

Add Chinook rearing to 325-30-10100-2190  
change COR to COP as indicated.

Additional Comments: This nomination supports adding to the FDD rearing Chinook salmon from the Nushagak River upstream to this location.

Name of Observer: Joe Buckwalter

Phone: (907) 267-2345 Date Printed: 10/30/2006

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: \_\_\_\_\_



FSN0614C001.jpg



FSN0614C002.jpg



FSN0614C003.jpg



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Continuation of Station: FSN0614C01 Page: 3



FSN0614C004.jpg

# STATE OF ALASKA

## DEPARTMENT OF FISH AND GAME

*Division of Sport Fish*

**FRANK MURKOWSKI, GOVERNOR**

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### MEMORANDUM

TO: J. Johnson  
Habitat Biologist

FROM: Michael Wiedmer  
Habitat Biologist  
Region V



DATE: October 30, 2006

SUBJECT: 2006 Nunachuak Creek nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for Nunachuak Creek (325-30-10100-2190). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 24 fish sampling efforts on this stream. In 2003 and 2005, previous inventories produced 8 additional sampling events further upstream (ADF&G 2006, Wiedmer 2003, 2005).

Collectively, these sampling efforts suggest adding to the FDD/AWC rearing Chinook salmon (observed at 3 of 32 sampled locations, Figure 1) upstream to Station FSN0614C01. Our observations suggest that Chinook salmon abundance in this stream in low and distribution is patchy. Rearing coho salmon distribution (observed at 2 of 32 sampled locations, Figure 2) is poorly defined, but appears limited to portions of the upper drainage. Again, total abundance appears low.

The 24 2006 observations are bundled into 7 packages, each representing a set of observations from a contiguous reach of Nunachuak Creek. 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. 2005. Inventory and modeling of fish distribution in Nushagak—Mulchatna drainage wadeable streams: FY 2006 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.



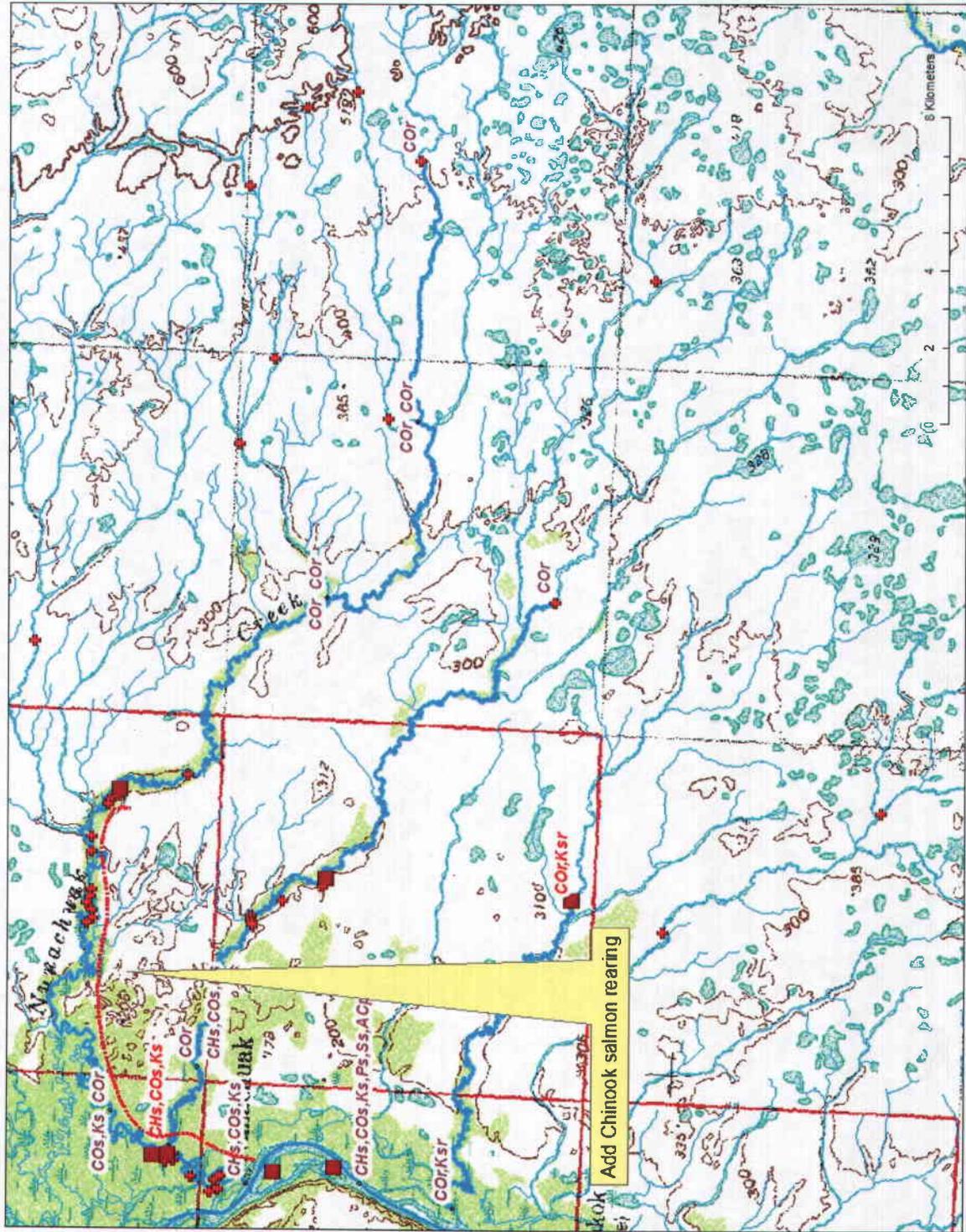
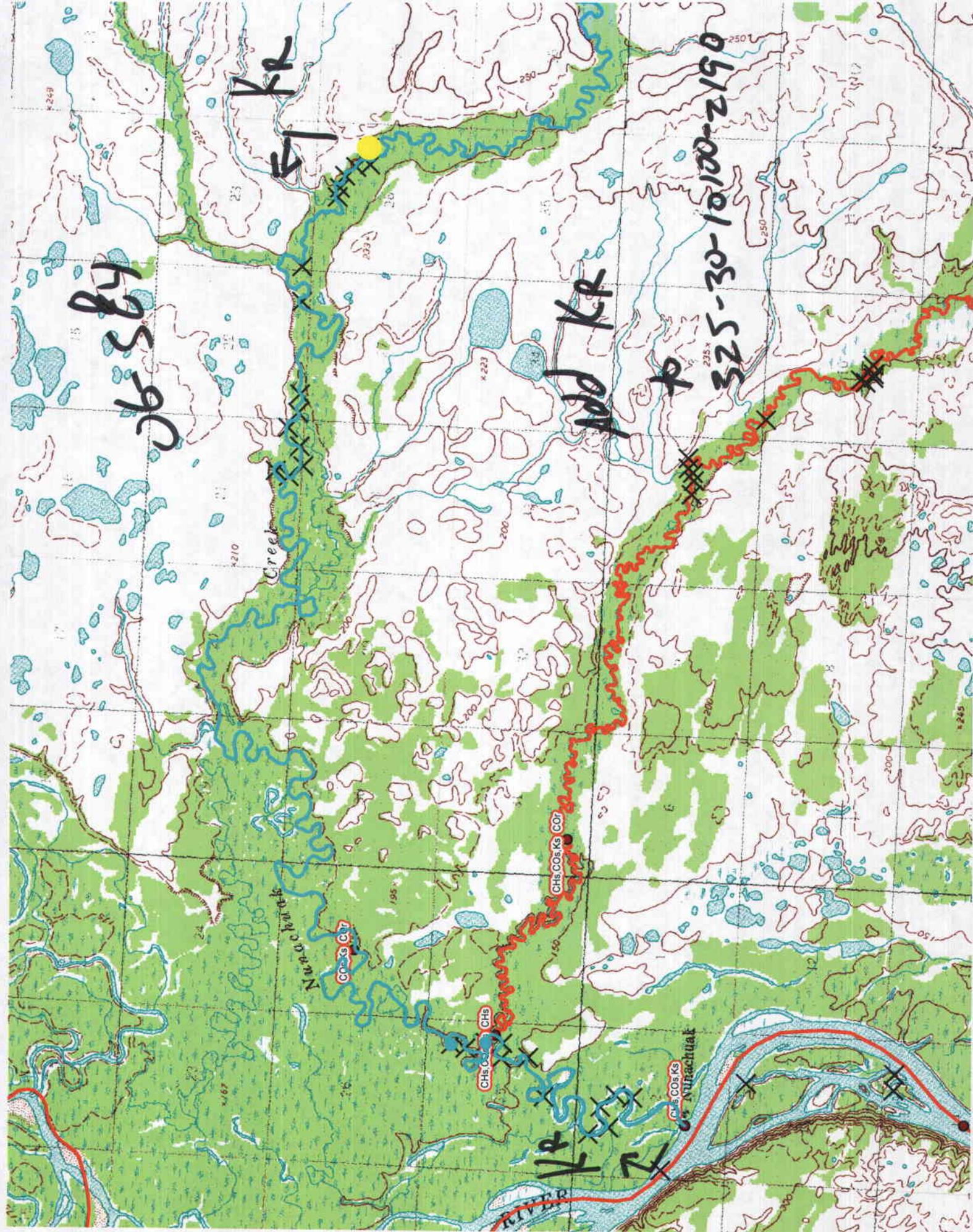


Figure 1.-Locations of Nunachuk Creek rearing Chinook salmon observations.



H9590

K1 KR

K2 KR

K3 KR

325-30-10100-2190

Creek

RIVER

yupachuaq

CHS COs, KS COI

CHS COs, KS COI

CHS COs, KS COI

06-58H

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