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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest

USGS Quad: Dillingham D-6 D5, D4

Fish Distribution Database Number of Waterway: 325-30-10100-2249 **Status:** Cataloged

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

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

For Office Use

Nomination # C6-766
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	11/09/06 Date
Cartographer	12/5/06 Date

Site Information **Station:** FSN0609B01 **Date Observed:** 8/12/2006 **Legal Desc.:** Sec 19, T. 3 S., R. 51 W., S.M.

					Latitude:	Longitude:	Datum:
Stream Parameters:	**Depth (m)**	**Width (m)**	**Water Temp. (C):** 13.11	**Upstream**	59.90904	-158.11364	WGS84
	OHW	145.0	**Stream Stage:** Medium	**Downstream**	59.90995	-158.09509	WGS84
	Wetted	125.0	**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 juvenile	**Samp. ID (# Fish):** A (1)
Species\Lifestage: pink salmon adult	**Samp. ID (# Fish):** B (2000)

Life History: Resident

Species\Lifestage: Arctic grayling adult	**Samp. ID (# Fish):** B (20)
Species\Lifestage: Arctic grayling juvenile	**Samp. ID (# Fish):** A (1)
Species\Lifestage: longnose sucker adult	**Samp. ID (# Fish):** B (1)
Species\Lifestage: rainbow trout juvenile/adult	**Samp. ID (# Fish):** B (3) C (1)
Species\Lifestage: sculpin-unspecified juvenile	**Samp. ID (# Fish):** B (30)
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 (2)
Species\Lifestage: round whitefish juvenile/adult	**Samp. ID (# Fish):** A (2) B (5)

Add Chinook salmon Rearing to 325-30-10100-2249

Additional Comments: This nomination supports adding to the FDD rearing Chinook salmon in the Nuyukuk River and supports previous observations of adult pink salmon.

Name of Observer: Tim Sundlov Phone: (907) 267-1444 Date Printed: 10/13/2006

Signature: T. Sundlov

Address: Bureau of Land Mangement, Anchorage Field Office
6681 Abbott Loop Road
Anchorage, AK 99507

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:** _____

Key to Samp. ID

Samp. ID: A **Method:** Boat-Mounted Electrofisher **Electrofisher Time(s):** 793 **Efficiency:** Fair

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

Samp. ID: C **Method:** Angling

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STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

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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 13, 2006

SUBJECT: 2006 Nuyakuk River nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Nuyakuk River mainstem (325-30-10100-2249). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 8 separate mainstem Nuyakuk River fish sampling efforts. Observations from these individual sampling efforts provide backup information for current listings of adult sockeye, pink, and coho salmon.

Collectively, these 8 observations support adding to the FDD/AWC rearing Chinook (observed at 7 of 8 sampled locations, Figure 1) throughout the mainstem upstream to FSN0609B01, the furthest upstream sampling location. Chinook salmon also likely rear in the mainstem Nuyakuk River between Tikchik Lake and Station FSN0609B01.

These 8 observations are bundled into 2 packages, each representing a set of observations from a contiguous reach of the Nuyakuk 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.

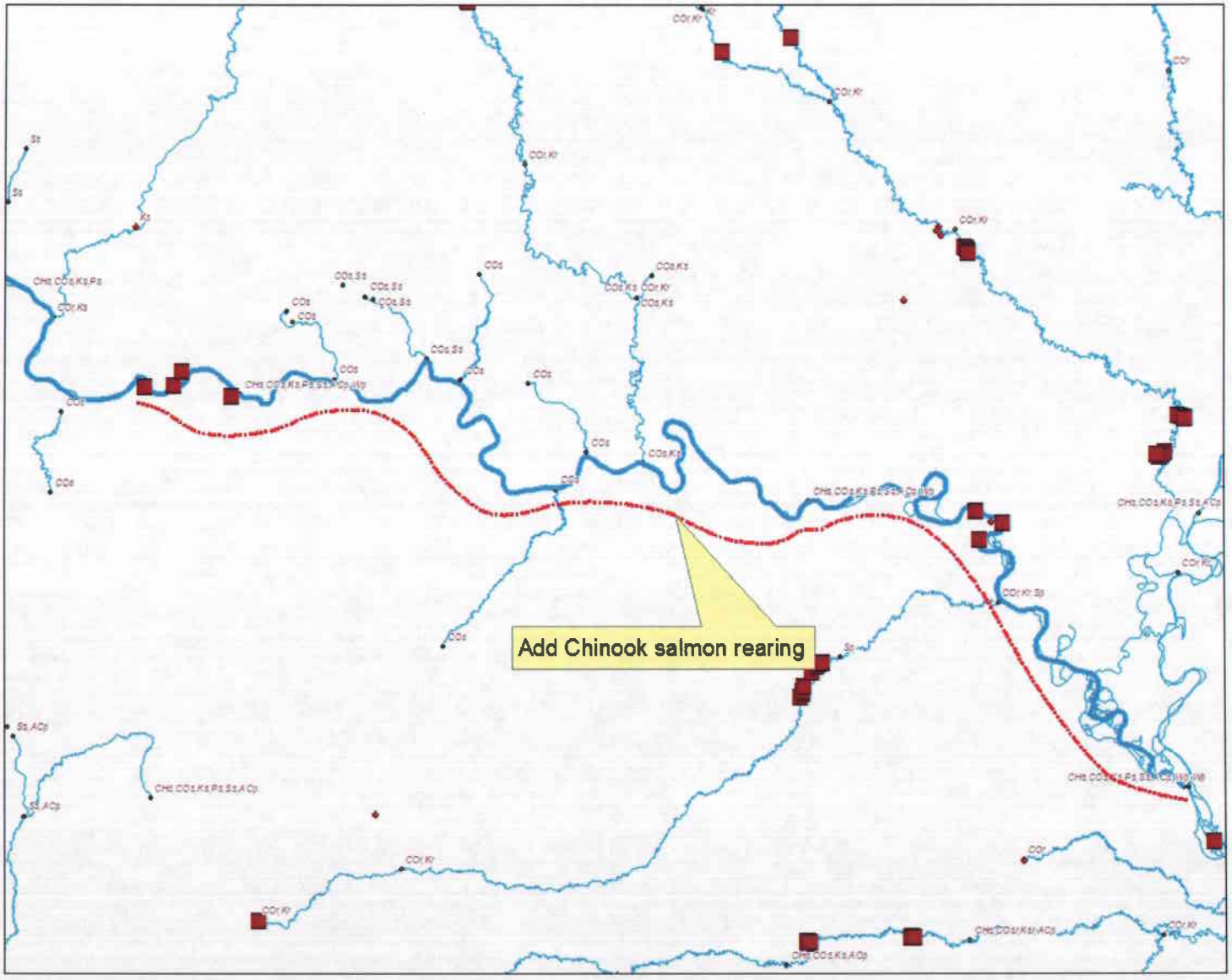
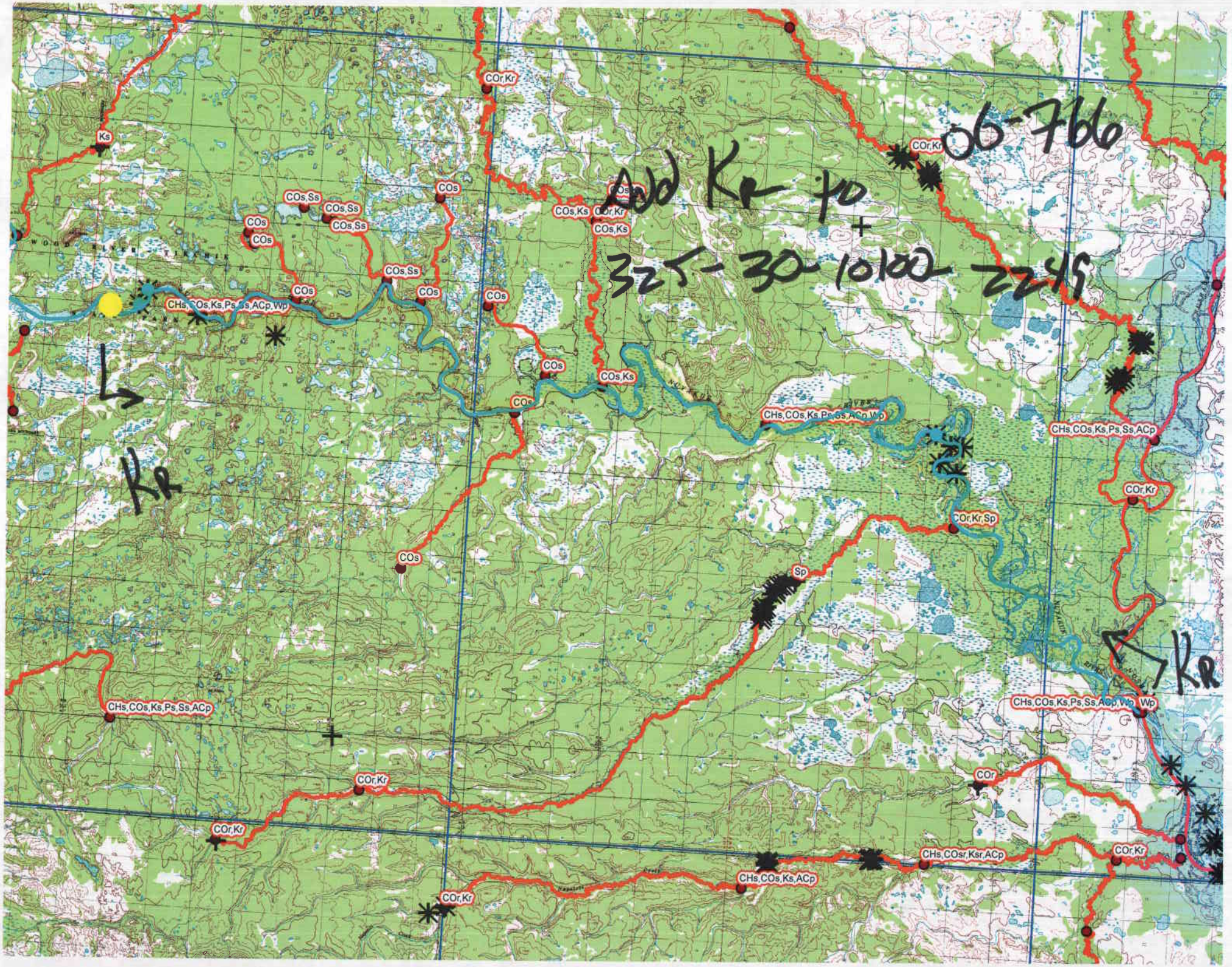


Figure 1.-Locations of Nuyakuk River rearing Chinook salmon observations.


Add Kr to
325-30-10100-2245
06-766
Ks
COr,Kr
COs
COs,Ss
COs,Ks
CHs,COs,Ks,Ps,Ss,ACp,Wp
CHs,COs,Ks,Ps,Ss,ACp
COr,Kr,Sp
Sp
Wp
COr
CHs,COsr,Ksr,ACp
Kr