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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest

USGS Quad: Dillingham A-6 A5

Fish Distribution Database Number of Waterway: 325-30-10100-2101

Status: Cataloged

Name of Waterway: Iowithla River

☑ **USGS Name** ☐ **Local Name**

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

For Office Use

Nomination # 06-541

Revision Year: 2007

Revision to: Atlas _____ Catalog _____ Both X

Revision Code: B-2

ADFG Fisheries Scientist — Date: 11/20/06

ADNR OHMP Operations Mgr. — Date: 11/20/06

FDD Project Biologist — Date: 11/07/06

Cartographer — Date: 12/5/06

Site Information

Station: FSN0613C02 **Date Observed:** 8/13/2006 **Legal Desc.:** Sec 20, T. 11 S., R. 52 W., S.M.

				Latitude:	Longitude:	Datum:
Stream Parameters:	**Depth (m)**	**Width (m)**	**Water Temp. (C):**	**Upstream**	59.21539	-158.07280	WGS84
	OHW		**Stream Stage:** High	**Downstream**	59.21386	-158.07175	WGS84
	Wetted		**Dominant Substrate:**				

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

Station Comments: See station 13C01 for aquatic and riparian habitat values.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile — **Samp. ID (# Fish):** A (6)
Species\Lifestage: coho salmon juvenile — **Samp. ID (# Fish):** A (21)
Species\Lifestage: pink salmon adult — **Samp. ID (# Fish):** B (10)

Life History: Facultative anadromous population, unknown individual life history

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

Life History: Resident

Species\Lifestage: slimy sculpin adult — **Samp. ID (# Fish):** A (3)
Species\Lifestage: slimy sculpin juvenile/adult — **Samp. ID (# Fish):** A (3)
Species\Lifestage: slimy sculpin juvenile — **Samp. ID (# Fish):** A (6)

Key to Samp. ID

Samp. ID: A **Method:** Boat-Mounted Electrofisher **Electrofisher Time(s):** 211 **Efficiency:** Fair

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

Additional Comments: This nomination supports adding rearing Chinook and coho salmon in the Iowithla River from the mouth upstream to this station. Rearing likely continues upstream to the limit of Chinook and coho spawning.

Add Chinook Salmon rearing to 325-30-10100-2101 and coho salmon

Name of Observer: Joe Buckwalter Phone: (907) 267-2345 Date Printed: 10/11/2006

Signature: Joe Buckwalter

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

FSN0613C007.jpg

FSN0613C008.jpg

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

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Anchorage, AK 99518-1599
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MEMORANDUM

TO: J. Johnson
Habitat Biologist

FROM: Michael Wiedmer
Habitat Biologist
Region V

DATE: October 11, 2006

SUBJECT: 2006 Iowithla River nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Iowithla River mainstem (325-30-10100-2101). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 10 separate mainstem Iowithla River fish sampling efforts. Observations from these individual sampling efforts provide backup information for current listings of adult sockeye, Chinook, pink, and chum salmon and Dolly Varden.

Collectively, these 10 observations support adding to the FDD/AWC rearing Chinook (observed at 8 of 10 sampled locations, Figure 1) throughout the mainstem upstream to FSN0613C02 and suggested to the currently documented limit of Chinook salmon spawning; coho (observed at 6 of 10 sampled locations, Figure 2) throughout the mainstem upstream to FSN0613C02 and suggested to the currently documented limit of coho salmon spawning; and sockeye salmon (observed at 1 of 10 locations, Figure 3) suggested to the currently documented limit of sockeye salmon spawning.

These 10 observations are bundled into 3 packages, each representing a set of observations from a contiguous reach of the Iowithla 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.

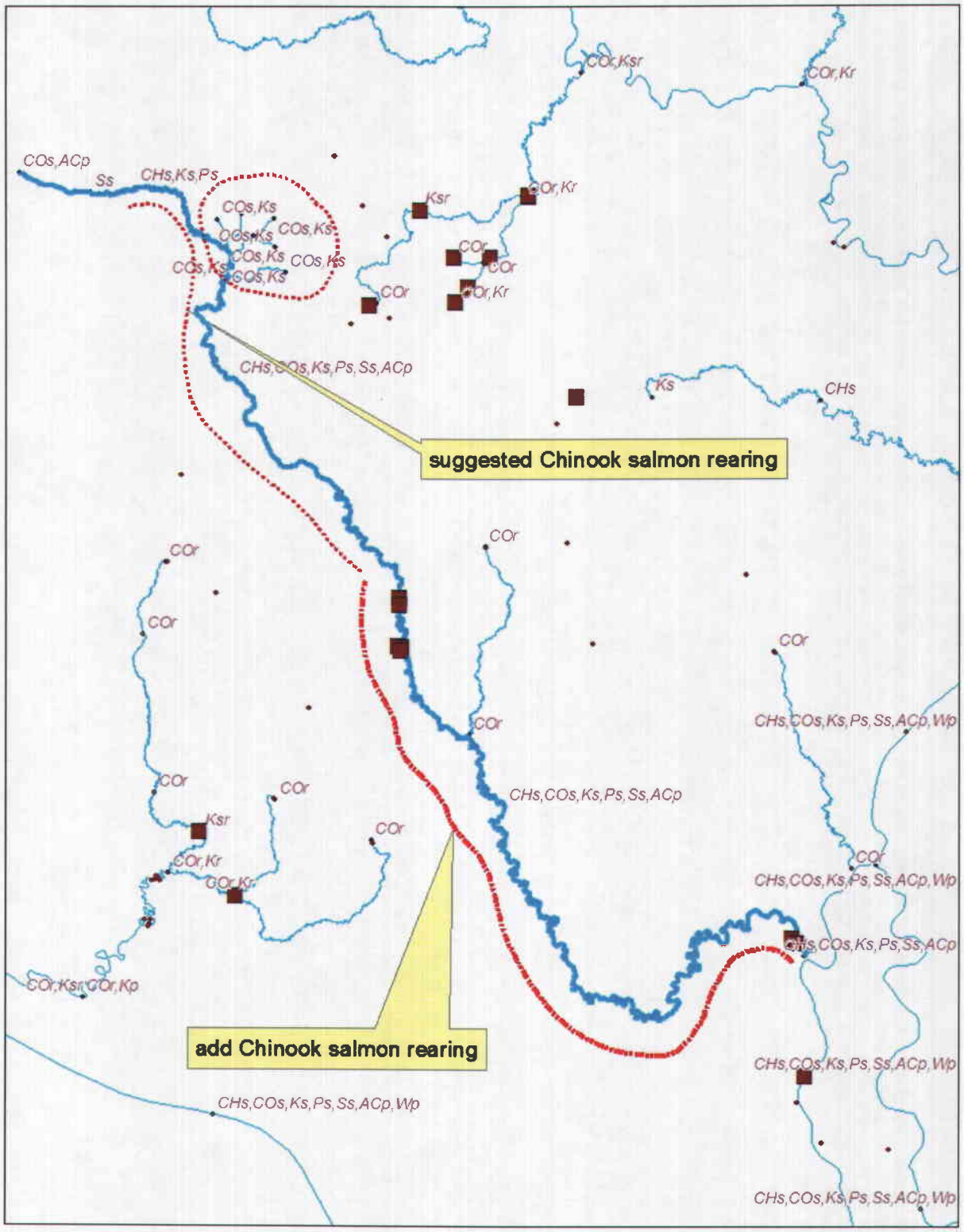

Figure 1.-Locations of Iowithla River rearing Chinook salmon observations.

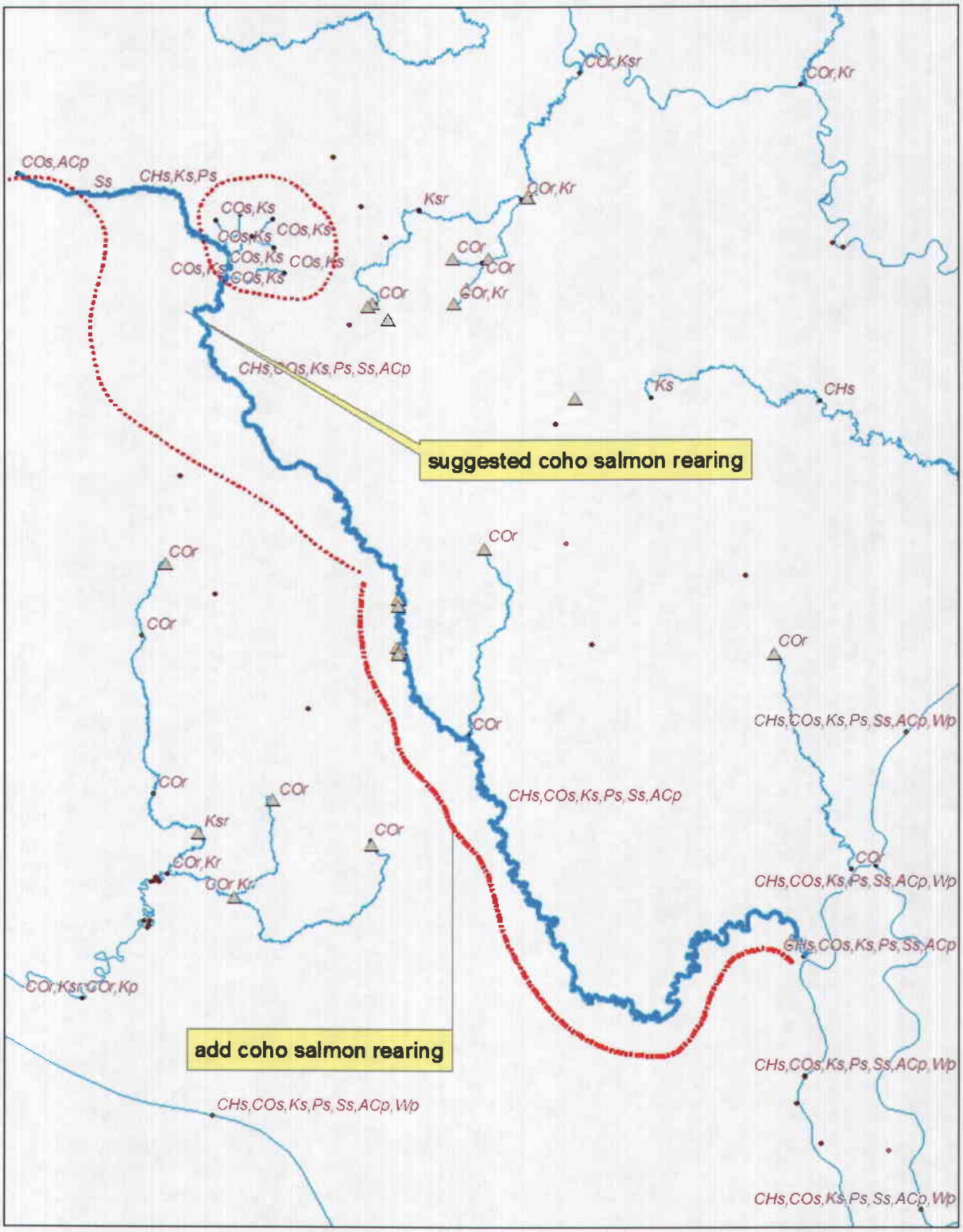

Figure 2.-Locations of Iowithla River rearing coho salmon observations.

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to 325-30-10100-2101
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CHs,COs,Ks,Ps,Ss,ACp
CHs,COs,Ks,Ps,Ss,ACp,Wp
CHs,COs,Ks,Ps,Ss,ACp
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