



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

Fish Survey
Nomination Form *Nushagak Bay D1, D2*
Fish Distribution Database

Region: Southwest

USGS Quad: Taylor Mts B-4 *A4, B-3* *A1, A6* Status: Cataloged

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

Name of Waterway: Nushagak River

USGS Name Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

Nomination # <i>06-468</i>	<i>up CP</i>	<i>11/20/05</i>
Revision Year: <i>2007</i>	ADFG Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<i>[Signature]</i>	<i>11/20/06</i>
Both <i>X</i>	ADNR OHMP Operations Mgr.	Date
Revision Code: _____ <i>B-2</i>	FDD Project Biologist	<i>11/06/05</i>
	<i>[Signature]</i>	Date
	Cartographer	<i>12/1/06</i>
		Date

Site Information Station: FSN0613E01 Date Observed: 8/14/2006 Legal Desc.: Sec 21, T. 2 N., R. 46 W., S.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): 10.75 Station Coordinates 60.25150 -157.26640 WGS84

Parameters: OHW Stream Stage: High
Wetted Dominant Substrate: Gravel

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

Station Comments: Sampled Wadeable habitats in the Nushagak mainstem and side channel. Side channel likely an off-channel during base flows.

Observation Information

Life History: Obligate anadromous population
Species\Lifestage: Chinook salmon juvenile Samp. ID (# Fish): A (63)
Species\Lifestage: coho salmon juvenile Samp. ID (# Fish): A (14)
Species\Lifestage: sockeye salmon adult spawning Samp. ID (# Fish): B (100)
Species\Lifestage: sockeye salmon juvenile Samp. ID (# Fish): A (9)

Life History: Resident
Species\Lifestage: rainbow trout juvenile Samp. ID (# Fish): A (9)
Species\Lifestage: slimy sculpin adult Samp. ID (# Fish): A (4)
Species\Lifestage: slimy sculpin juvenile/adult Samp. ID (# Fish): A (3)
Species\Lifestage: slimy sculpin juvenile Samp. ID (# Fish): A (1)

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher Electrofisher Time(s): 485 Efficiency: Fair

Samp. ID: B Method: Visual Observation, Ground *Add sockeye salmon rearing as indicated to 325-30-10100*

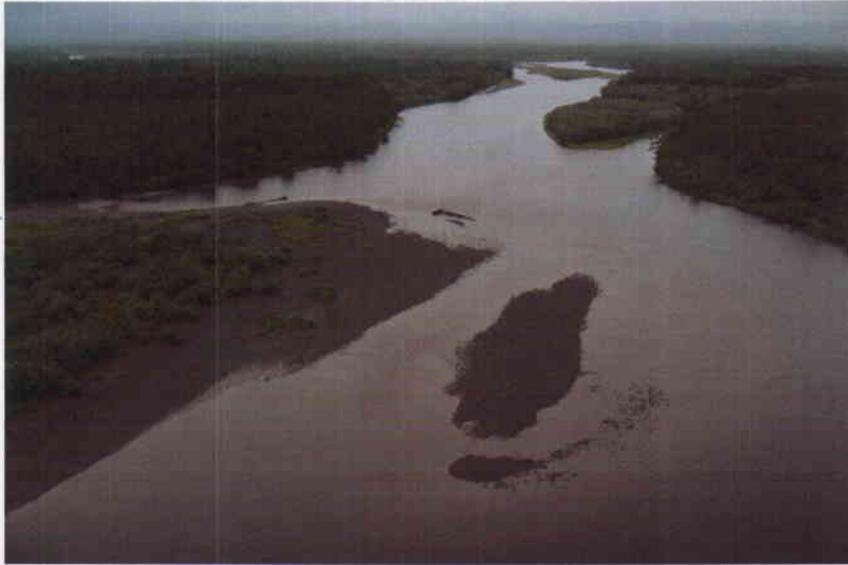
Additional Comments: This nomination supports adding to the FDD rearing Chinook salmon throughout the Nushagak River, rearing coho upstream to the headwaters, and rearing sockeye salmon to McGearry Ck. and supports previous observations of spawning sockeye salmon.

Name of Observer: Michael Wiedmer Phone: (907) 267-2292 Date Printed: 10/11/2006

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: _____



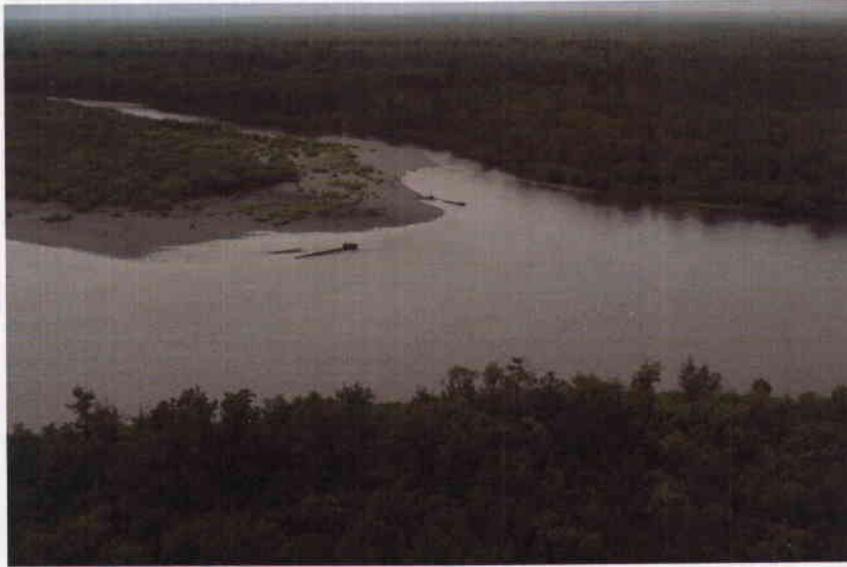
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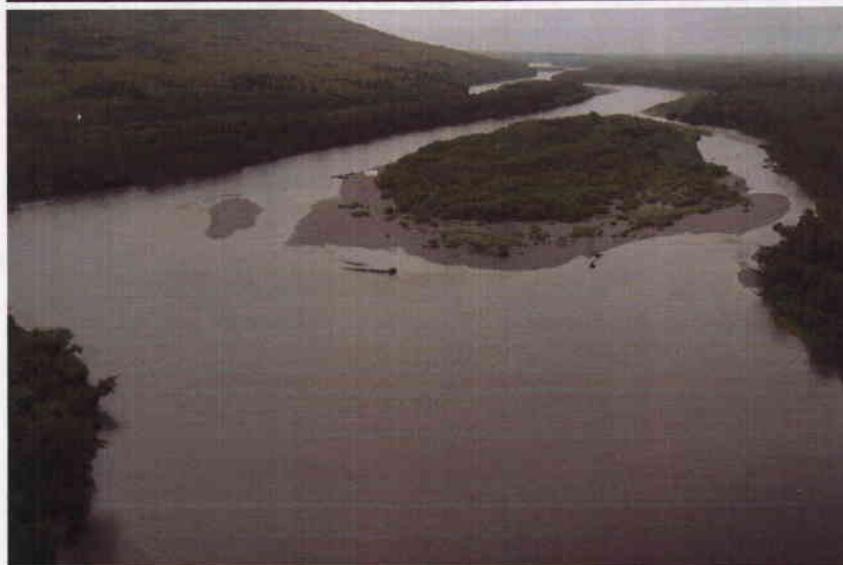
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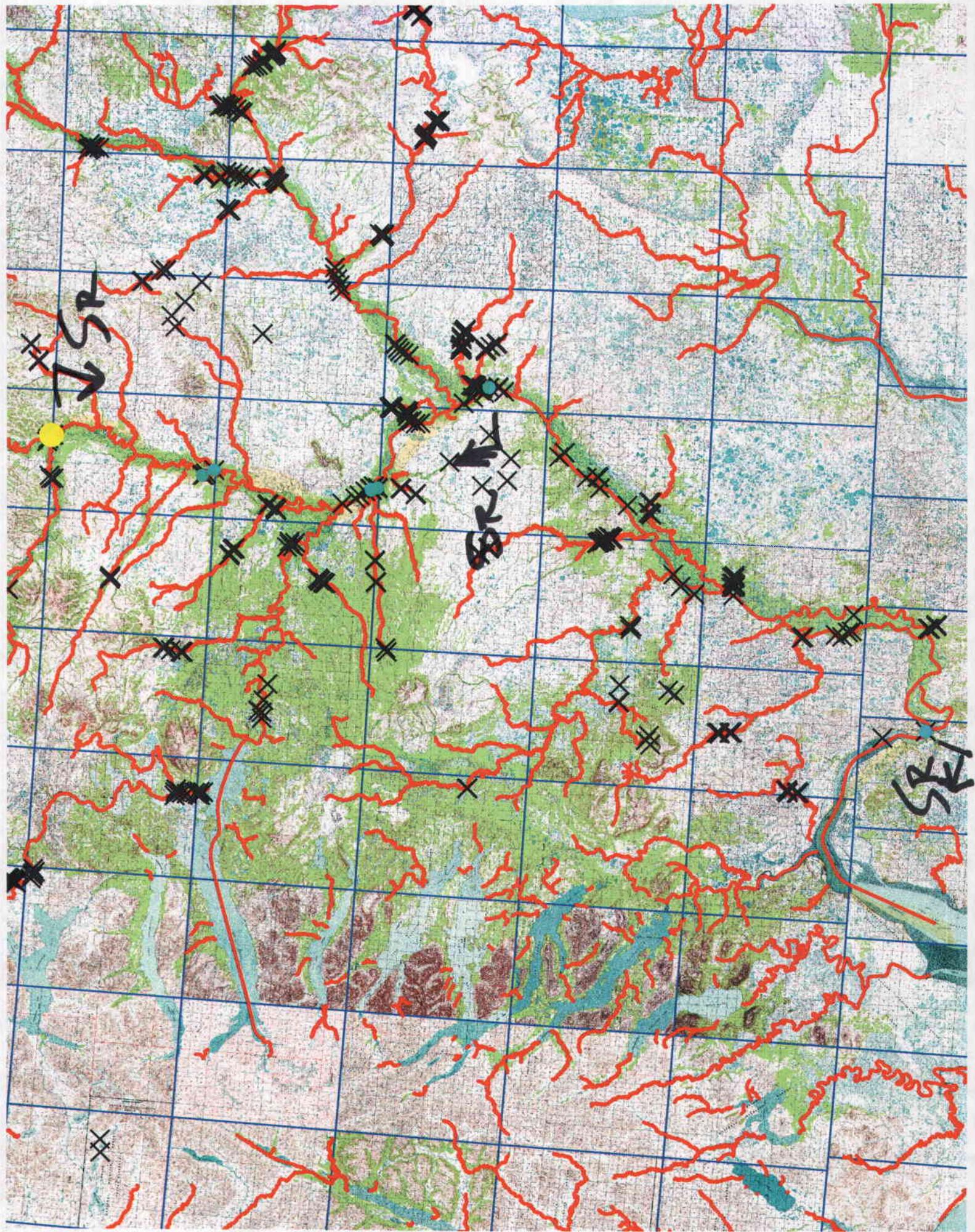
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**Fish Survey
Nomination Form
Fish Distribution Database**

Continuation of Station: FSN0613E01 Page: 4



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STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

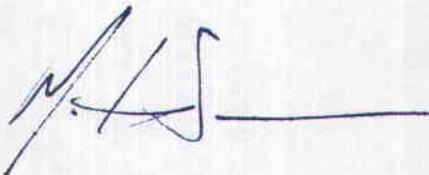
FRANK MURKOWSKI, GOVERNOR

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EMAIL: mike_wiedmer@fishgame.state.ak.us

MEMORANDUM

TO: J. Johnson
Habitat Biologist

FROM: Michael Wiedmer
Habitat Biologist
Region V



DATE: October 11, 2006

SUBJECT: 2006 Nushagak River mainstem nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Nushagak River mainstem (325-30-10100). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 39 separate mainstem Nushagak River fish sampling efforts. Observations from these individual sampling efforts provide backup information for current listings of adult sockeye, Chinook, coho, and chum salmon and Dolly Varden.

Collectively, these 39 observations support adding to the FDD/AWC rearing Chinook (observed at 33 of 39 sampled locations, Figure 1) throughout the mainstem upstream to the Summit Creek confluence; coho (observed at 5 of 39 sampled locations, Figure 2) throughout the mainstem upstream to the Half Cabin Lake area (mouth of 325-30-10100-2202-3890); sockeye salmon (observed at 10 of 39 locations, Figure 3) throughout the mainstem upstream to the mouth of the Chilikadrotna River; and rearing Dolly Varden (observed at 3 of 39 locations, Figure 4).

These 39 observations are bundled into 15 packages, each representing a set of observations from a contiguous reach of the Nushagak 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.

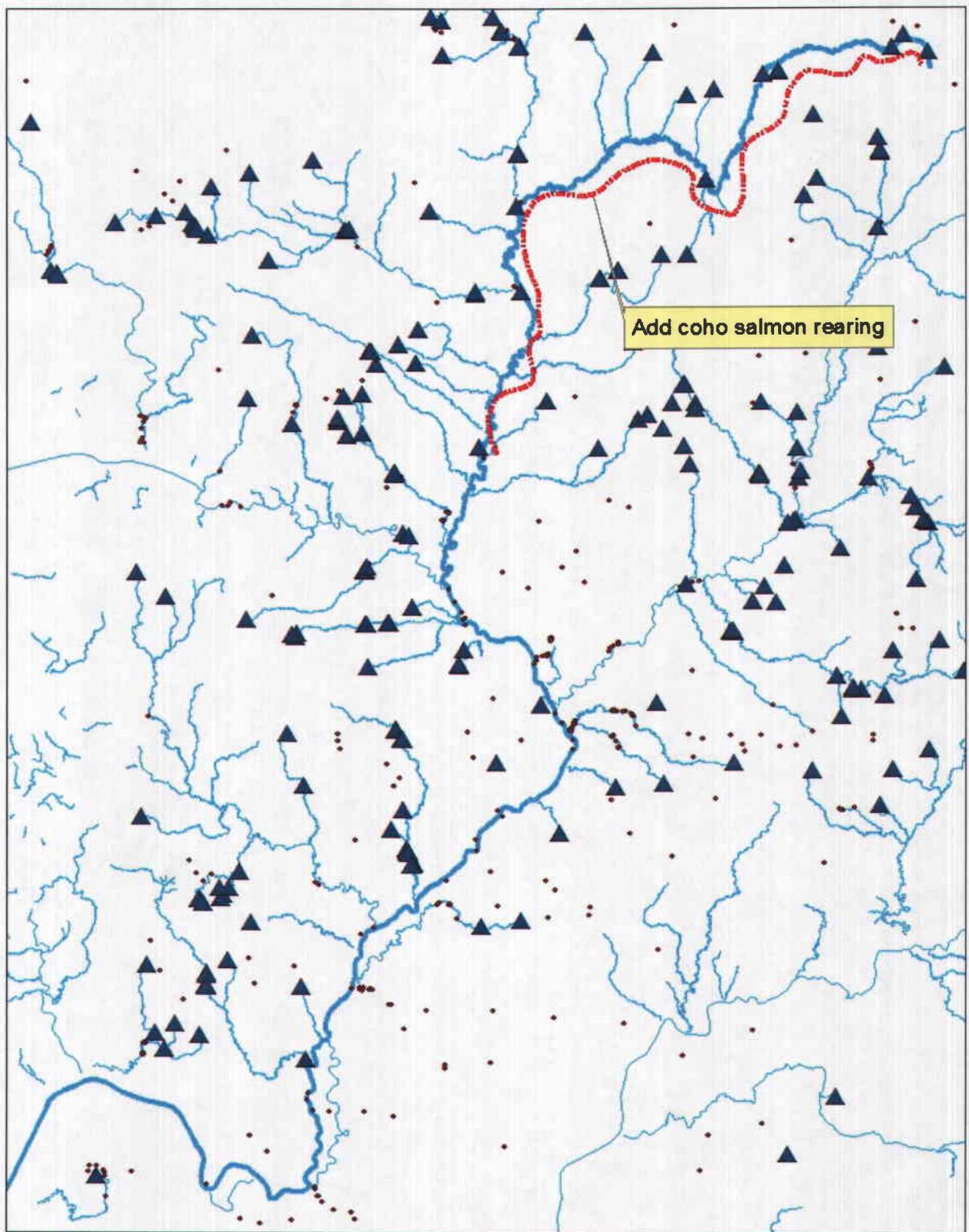


Figure 2.-Locations of Nushagak River rearing coho salmon observations.

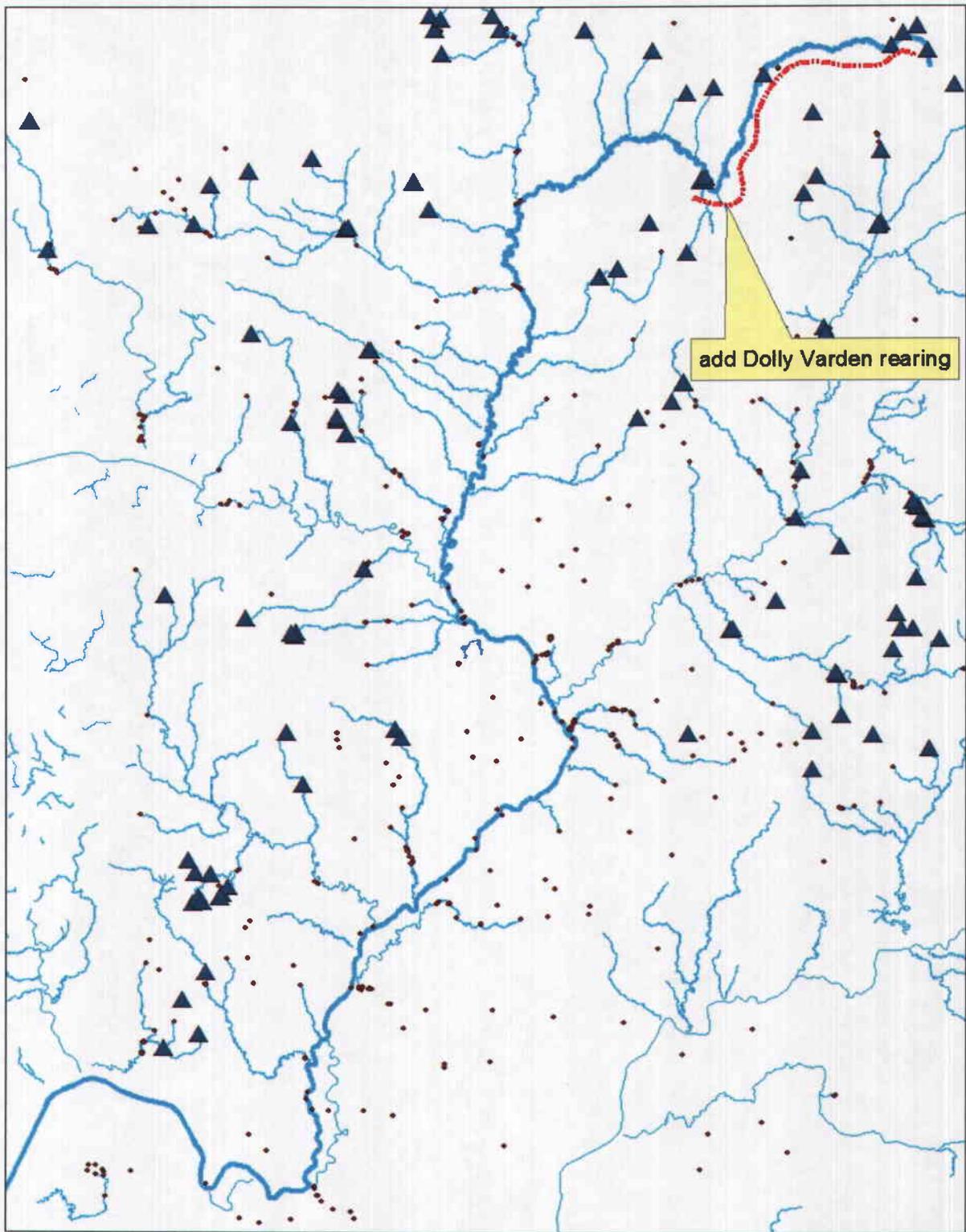


Figure 4.-Locations of Nushagak River rearing Dolly Varden observations.

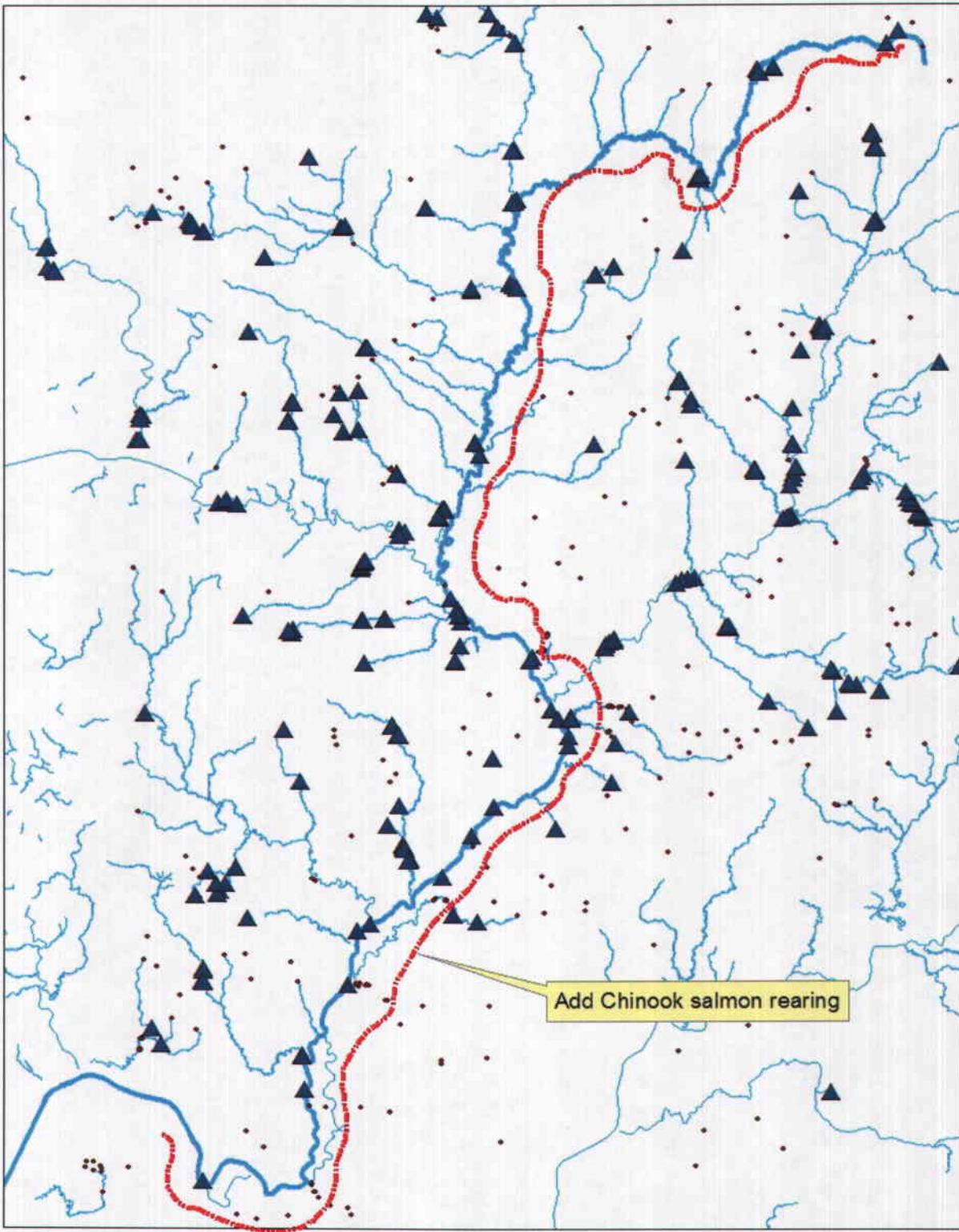


Figure 1.-Locations of Nushagak River rearing Chinook salmon observations.

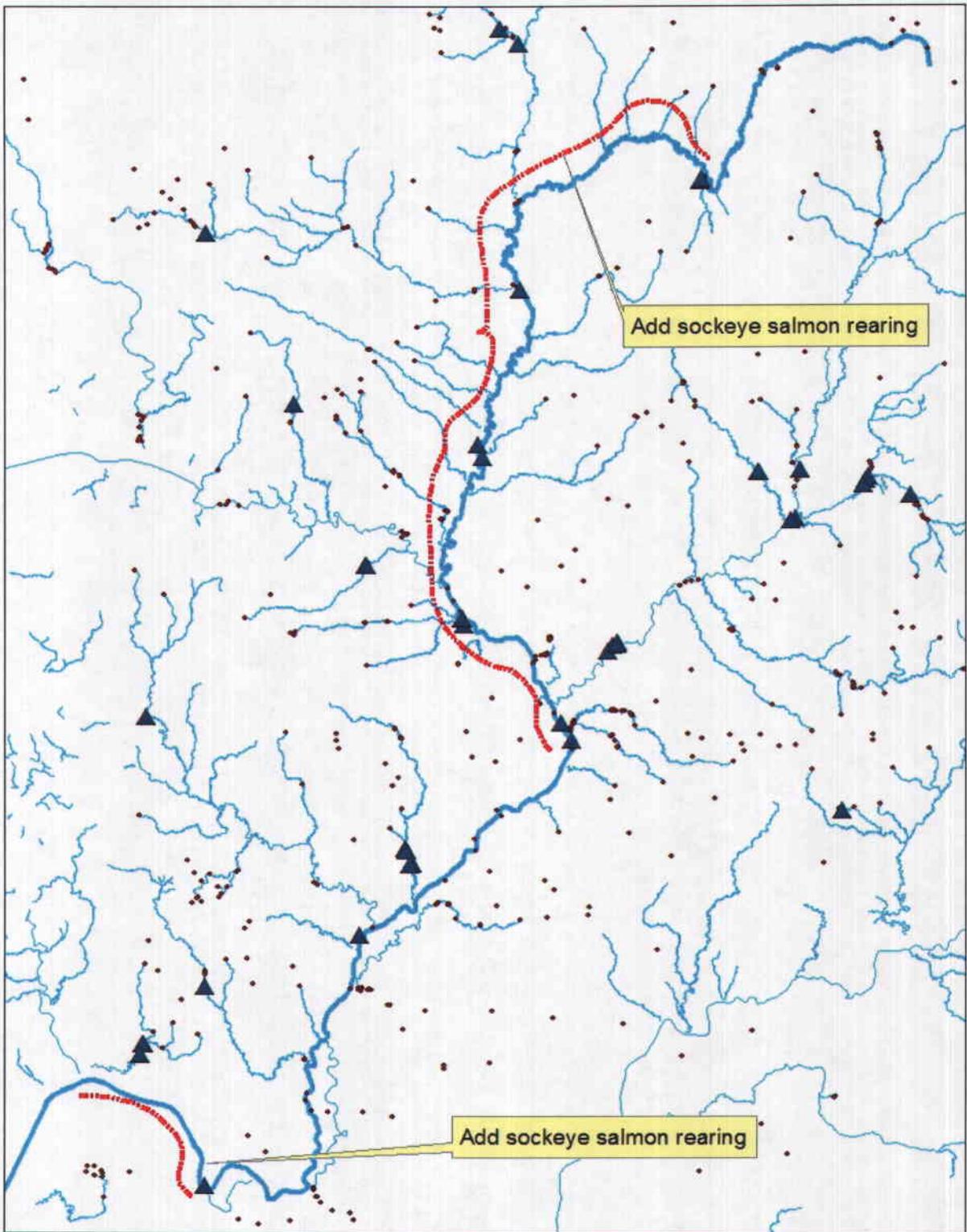


Figure 3.-Locations of Nushagak River rearing sockeye salmon observations.