



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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest USGS Quad: Bethel B-1
 Fish Distribution Database Number of Waterway: 325-30-10100-2249-3142-0010 Status: N/A
 Name of Waterway: _____ USGS Name Local Name
 Addition Deletion Correction Backup Information

		For Office Use	
Nomination #	<u>C6-929</u>	<u>[Signature]</u>	<u>11/20/06</u>
Revision Year:	<u>2007</u>	ADFG Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>11/20/06</u>
	Both <u>X</u>	ADNR OHMP Operations Mgr.	Date
Revision Code:	<u>A-F-Z</u>	FDD Project Biologist	<u>11/14/06</u>
		Cartographer	Date

Site Information Station: FSN0606E03 Date Observed: 8/7/2006 Legal Desc.: Sec 8, T. 4 N., R. 56 W., S.M. Latitude: Longitude: Datum:
 Stream Depth (m) Width (m) Water Temp. (C): 11.57 Station Coordinates 60.45354 -159.04456 WGS84
 Parameters OHW 0.9 8.0 Stream Stage: Medium
 Wetted 0.6 6.9 Dominant Substrate: Gravel

Rosgen Channel Type: D *Anastomosing (multiple channels) narrow and deep with extensive, well-vegetated floodplains and associated wetlands. Very gentle relief with highly variable sinuosities and width/depth ratios. Very stable streambanks.*

Station Comments: Sampled hyporheic-fed spring network adjacent to mainstem. Evidence of active upwelling throughout network. Water chemistry and discharge measured in accumulation channel. No observed downstream barriers. Water chemistry of main valley stream immediately upstream of spring confluence: 11.57 C, 7.03 pH, 95.3 microS/cm, 0 NTU, 10.42 mg/L DO.

Observation Information

Life History: Facultative anadromous population, unknown individual life history
Species\Lifestage: Dolly Varden adult **Samp. ID (# Fish):** A (3)
 Dolly Varden juvenile/adult **Samp. ID (# Fish):** A (34)

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher **Electrofisher Time(s):** 610 **Efficiency:** Fair

*Extend 325-30-10100-2249-3142 w/ ~~sample~~ Dolly Varden
 REARING add Dolly Varden presence to
 325-30-10100-2249-3142-0010*

Additional Comments: This nomination supports adding to the FDD rearing Dolly Varden upstream in the Togiak River/Nishlik Lake system to this location. Dolly Varden distribution likely continues upstream to the barrier(?) at Station FSN0606E08.

Name of Observer: Michael Wiedmer Phone: (907) 267-2292 Date Printed: 11/1/2006
 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: _____



FSN0606E03150.jpg



FSN0606E03151.jpg



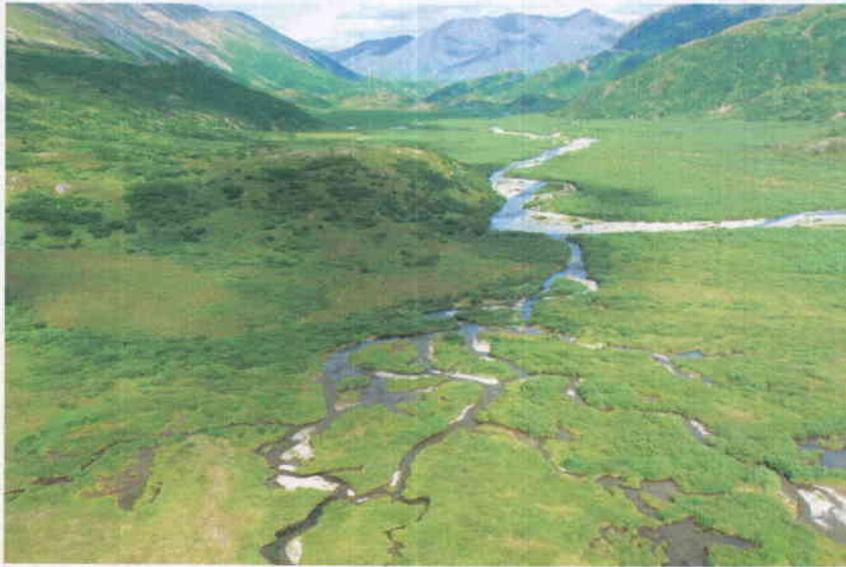
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Continuation of Station: FSN0606E03 Page: 3



FSN0606E03170.jpg

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: November 1, 2006

SUBJECT: 2006 Nishlik Lake inlet nominations, Part 1

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for an inlet stream to Nishlik Lake. In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 2 fish sampling efforts, a visual observation of a potential migratory barrier, and a visual observation of spawning sockeye salmon on this stream.

These sampling efforts support adding to the FDD/AWC spawning sockeye salmon (Figure 1), and rearing Dolly Varden (Figure 2).

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.

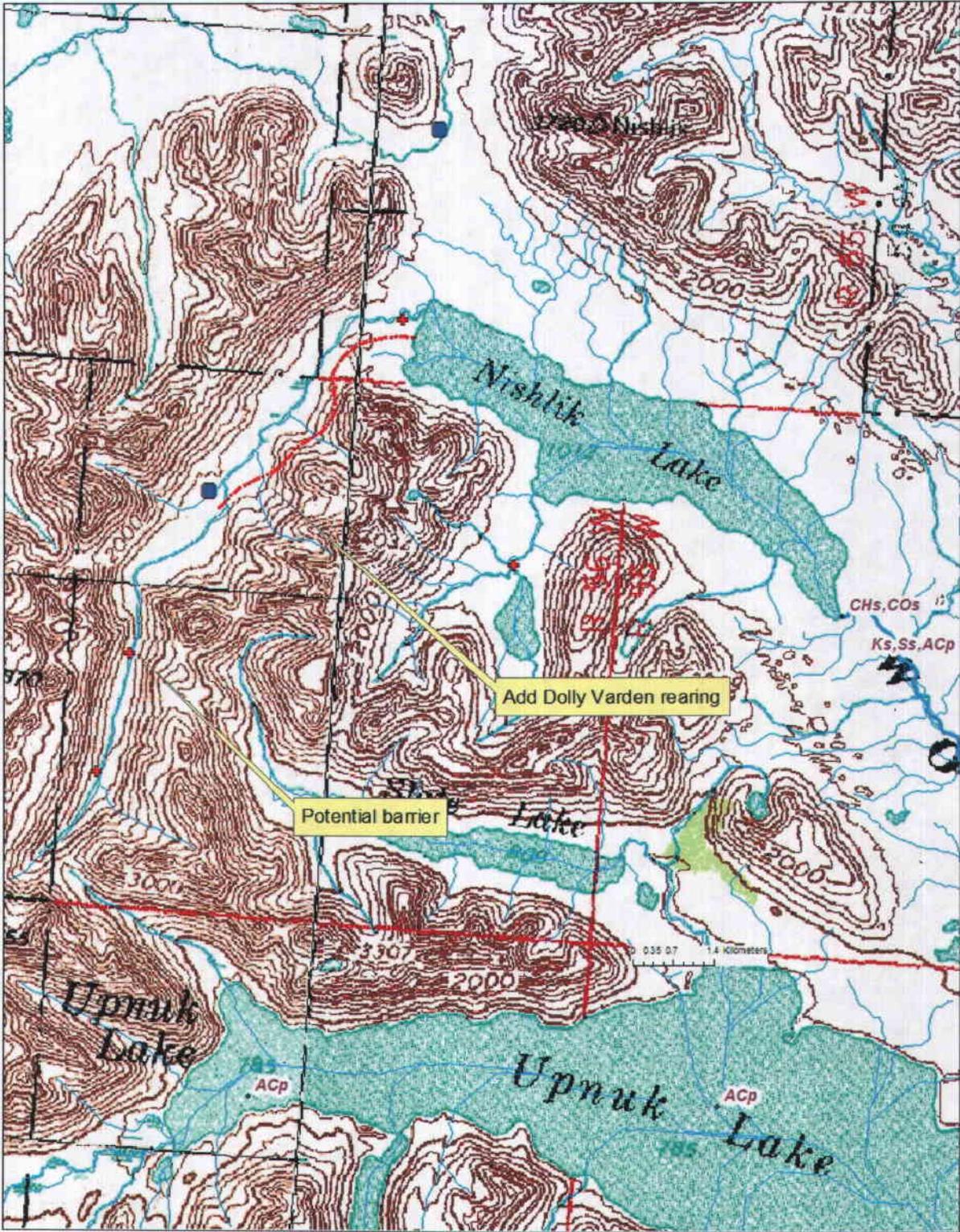


Figure 2.- Location of Nishlik Lake inlet stream rearing Dolly Varden observation.

