



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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Southwest

USGS Quad: Taylor Mts A-5

Fish Distribution Database Number of Waterway: 325-30-10100-2259-3316

Status: Cataloged

Name of Waterway: _____

USGS Name

Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

Affects

11/20/06

Nomination # 06-811
 Revision Year: 2007
 Revision to: Atlas _____ Catalog _____
 Both Y
 Revision Code: B-1 F 2

[Signature]
 Fisheries Scientist
[Signature]
 FDD Project Biologist

 Drafted

11/20/06
 Date
11/29/06
 Date

 Date

Site Information

Station: FSN0509A05 Date Observed: 8/18/2005 Legal Desc.: Sec., T., R.,

Latitude: Longitude: Datum:
60.05077 -157.78821 NAD27

Stream Depth (m) Width (m) Water Temp. (C): 11.87

Parameters: OHW 0.6 3.0 Stream Stage: Medium

Wetted 0.3 3.0 Dominant Substrate: Gravel

Rosgen Channel Type: E4 Low gradient, meandering riffle/pool stream with low width/depth ratio and little deposition. Very efficient and stable. High meander width ratio.

Station Comments: Less than 200 m downstream of large, active beaver pond. Upstream of pond to near Station FSN0509A04, there is no visible channel, only a swale distinguished by wetland vegetation. White water crowfoot forms submerged cover in stream.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile

Samp. ID (# Fish): A (53)

Species\Lifestage: coho salmon juvenile

Samp. ID (# Fish): A (23)

Life History: Facultative anadromous population, unknown individual life history

Species\Lifestage: Dolly Varden juvenile/adult

Samp. ID (# Fish): A (5)

Life History: Resident

Species\Lifestage: slimy sculpin adult

Samp. ID (# Fish): A (5)

Species\Lifestage: slimy sculpin juvenile/adult

Samp. ID (# Fish): A (19)

Species\Lifestage: slimy sculpin juvenile

Samp. ID (# Fish): A (3)

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher

Electrofisher Time(s): 282 Efficiency: Excellent

Add Dolly Varden rearing to -3316 and Dolly Unerda downstream as needed

Additional Comments: This nomination supports adding to the FDD rearing Dolly Varden in this stream currently cataloged for rearing Chinook and coho salmon.

Name of Observer: Michael Wiedmer

Phone: (907) 267-2292

Date Printed: 11/3/2006

Signature: *[Signature]*

Address: Alaska Department of Fish and Game, Division of Sport Fish
333 Raspberry Road
Anchorage, AK 99518-1599

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: _____

STATE OF ALASKA

FRANK MURKOWSKI, GOVERNOR

DEPARTMENT OF FISH AND GAME

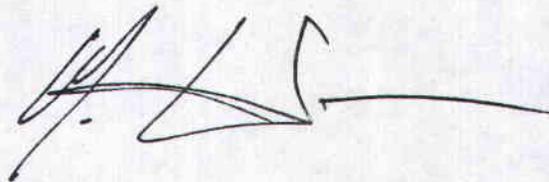
Division of Sport Fish

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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: November 3, 2006

SUBJECT: 2006 Nushagak River tributary system nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for an unnamed Nushagak River tributary (325-30-10100-2259) and its headwaters (325-30-10100-2259-3312 and 325-30-10100-2259-3316). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 14 fish sampling efforts on 325-30-10100-2259. Previous inventories (ADF&G 2006, Wiedmer 2003, 2005) produced 9 additional fish sampling effort in the headwaters.

The 2006 325-30-10100-2259 sampling efforts support previous observations of rearing Chinook salmon and suggest modification to the currently cataloged distribution of rearing coho salmon (Figure 1).

Collectively, these efforts support removing from the FDD/AWC rearing coho salmon (not observed at 12 of 12 sampled locations downstream of FSN0602C04, Figure 1) downstream from FSN0602C04 to the Nushagak River; adding spawning sockeye salmon (observed at 1 of 25 sampled locations, Figure 2) upstream to FSN0602C01; adding spawning Chinook salmon (observed at 1 of 25 sampled locations, Figure 2) upstream to FSN0602C01; adding spawning chum salmon (observed at 2 of 25 sampled locations, Figure 4) upstream to FSN0602C01; and adding rearing Dolly Varden (observed at 5 of 25 sampled locations, Figure 5) in 3 headwater streams.

Nineteen nominations supporting the proposed changes are attached and are bundled into 6 packages, 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.

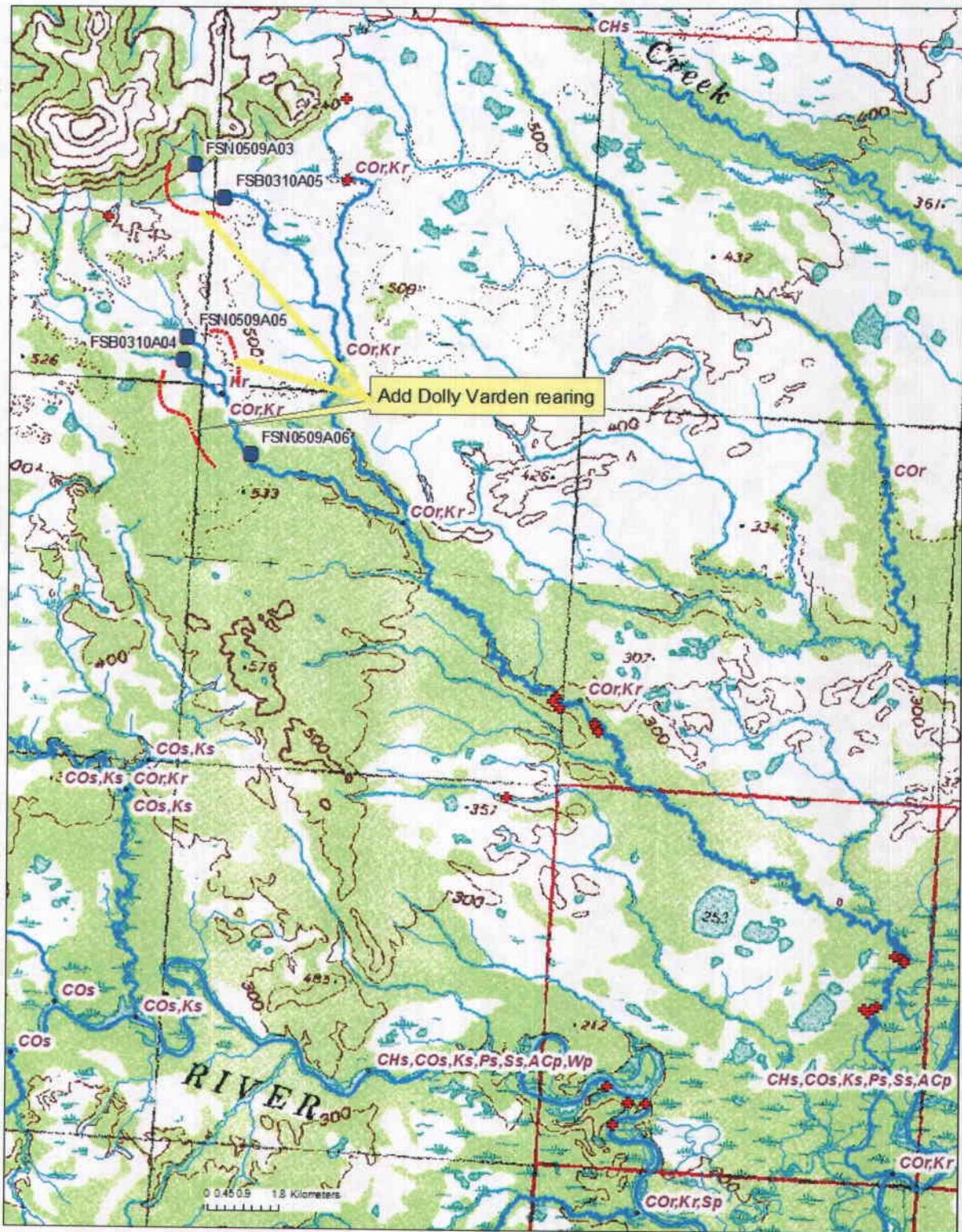


Figure 5.- Location of 325-30-10100-2259 drainage rearing Dolly Varden observations.

06-61

Add DNR to

325-30-10100-2259-3316

Add DNR downstream

As needed





DWP
KDP

DWP
KDP

See map (06-813) of area Forests

DWP
KDP

COs Ks

COs Ks