



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

Fish Survey
Nomination Form
Fish Distribution Database

X

Region: Southwest

USGS Quad: Dillingham B-4

Fish Distribution Database Number of Waterway: N/A 325-30-10100-2160

Status: N/A

Name of Waterway: _____

USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	06-891	<i>[Signature]</i>	11/20/06
Revision Year:	2007	ADFG Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<i>[Signature]</i>	11/20/06
	Both <u>4</u>	ADNR OHMP Operations Mgr.	Date
Revision Code:	A-2	<i>[Signature]</i>	11/13/06
		FDD Project Biologist	Date
		<i>[Signature]</i>	12/0/06
		Cartographer	Date

Site Information Station: FSN0619E02 Date Observed: 8/20/2006 Legal Desc.: Sec 22, T. 8 S., R. 47 W., S.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): 10.47 Station Coordinates 59.47138 -157.24400 WGS84

Parameters: OHW Stream Stage: High
Wetted Dominant Substrate: Sand/Silt/Clay

Rosgen Channel Type: SL Slough

Station Comments: Sampled site is an off-channel fed by Nushagak River floodplain hyporheic flow. The mainstem is approximately 1 km upslope from the off-channel head.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: sockeye salmon adult spawning

Samp. ID (# Fish): B (28)

Species\Lifestage: sockeye salmon juvenile

Samp. ID (# Fish): A (6) C (5)

Life History: Resident

Species\Lifestage: northern pike juvenile

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

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher

Electrofisher Time(s): 267 Efficiency: Poor

Samp. ID: B Method: Visual Observation, Helicopter

Samp. ID: C Method: Visual Observation, Ground

Add new stream 325-30-10100-2160 w/ sockeye salmon spawning and rearing

Additional Comments: This nomination supports adding to the FDD spawning and rearing sockeye in this off-channel slough connected at the mouth to the mainstem Nushagak River. This location is the furthest downriver location in which sockeye spawning was observed in 2006.

Name of Observer: Michael Wiedmer

Phone: (907) 267-2292

Date Printed: 10/27/2006

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: _____



FSN0619E02705.jpg



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FSN0619E02717.jpg



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FSN0619E02722.jpg





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Continuation of Station: FSN0619E02 Page: 6

FSN0619E02723.jpg



STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

Division of Sport Fish

FRANK MURKOWSKI, GOVERNOR

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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 30, 2006

SUBJECT: 2006 Nushagak River off-channel floodplain slough nomination

Attached is a Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nomination for an unnamed, uncataloged off-channel slough in the Nushagak River floodplain. This channel is connected to the Nushagak River mainstem at its downstream terminus, but not at the upstream terminus (Figure 1). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 1 fish sampling effort in this unnamed slough.

This sampling effort supports adding in the FDD/AWC spawning and rearing sockeye salmon. This location was the furthest downstream location in the Nushagak River floodplain in which we observed sockeye salmon spawning.

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.

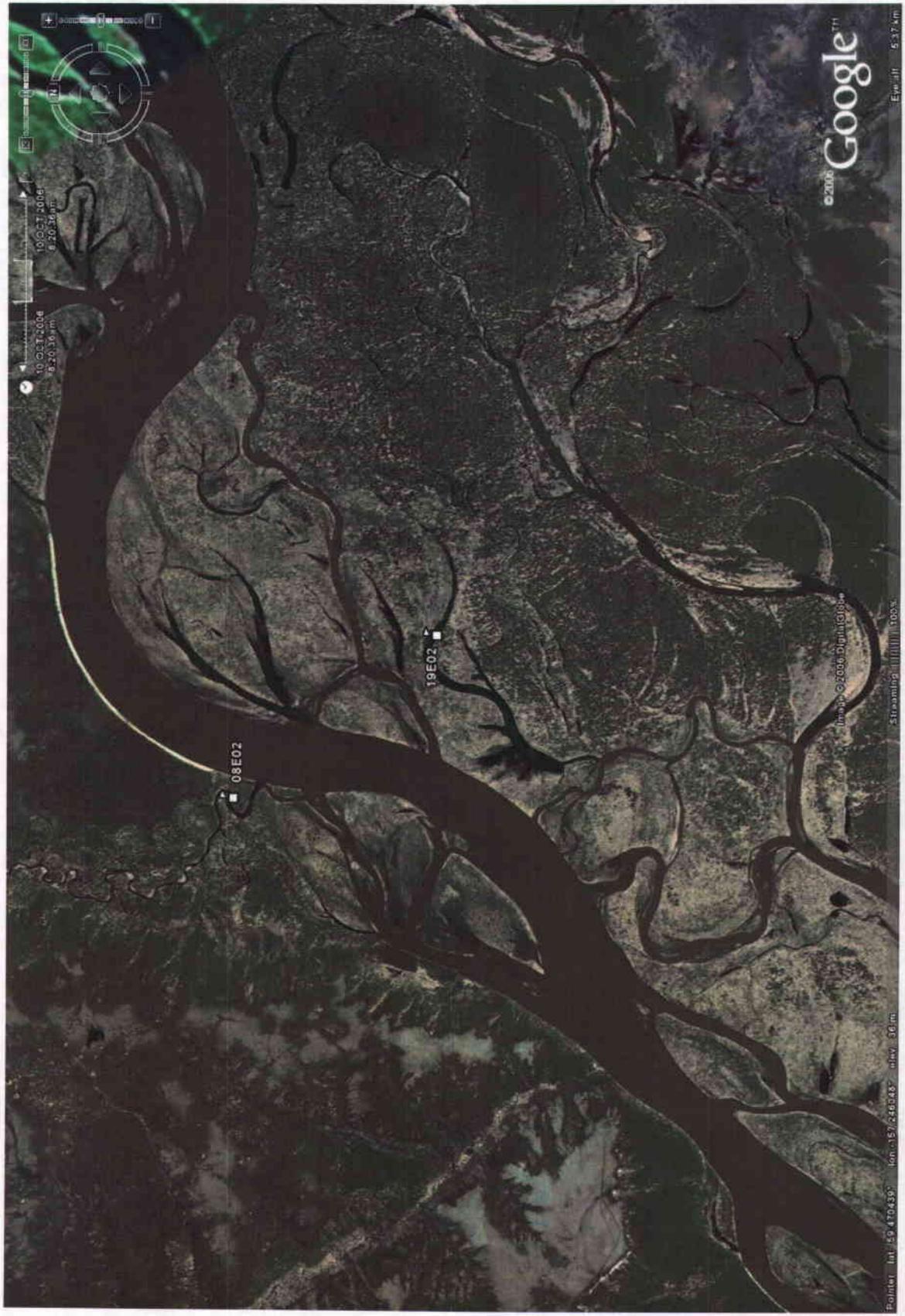
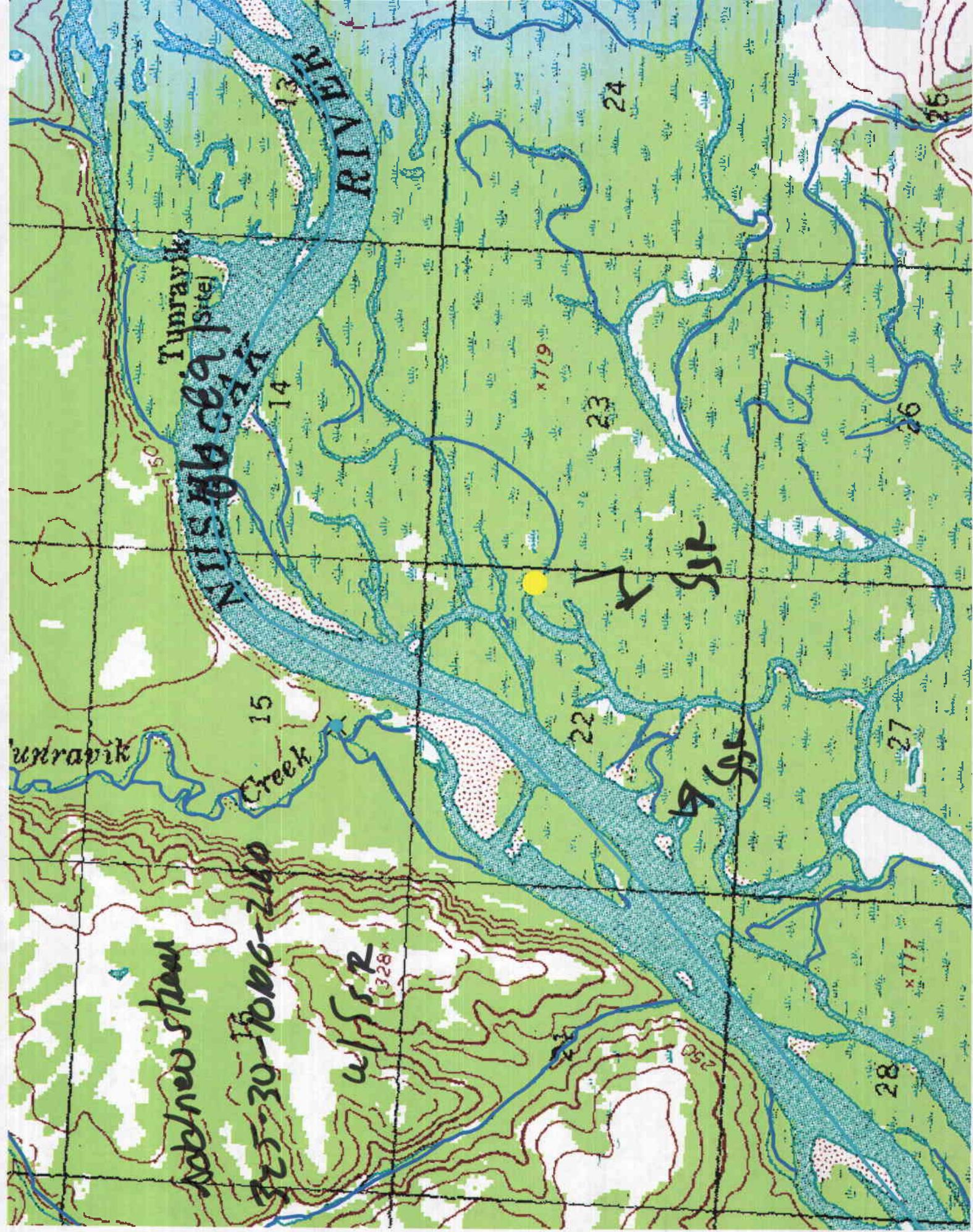


Figure 1.-Location of Nushagak River off-channel spawning and rearing sockeye salmon observation (Station FSN0619E02).



Tunrayik
Tunrayik
Site!

TUNRAYIK
RIVER

Tunrayik

Creek

Abbe's stream

325-30-1000-2100

w/5 R
(328 x)

SIP

SIP

150

14

15

x119

23

24

25

26

22

27

28

x117