



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

Fish Survey  
Nomination Form  
Fish Distribution Database

*Dillingham D-7*  
*B-8, A7*

Region: Southwest

USGS Quad: Taylor Mts A-8

Fish Distribution Database Number of Waterway: 325-30-10100-2249-3142

Status: Cataloged

Name of Waterway: Tikchik River

USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <i>06-798</i>	<i>[Signature]</i>	<i>11/20/06</i>
Revision Year: <i>2007</i>	ADFG Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<i>[Signature]</i>	<i>11/20/06</i>
Both <i>Y</i>	ADNR OHMP Operations Mgr.	Date
Revision Code: <i>B-2</i>	<i>[Signature]</i>	<i>11/09/06</i>
	FDD Project Biologist	Date
	<i>[Signature]</i>	<i>12/1/06</i>
	Cartographer	Date

Site Information Station: FSN0616C10 Date Observed: 8/16/2006 Legal Desc.: Sec 27, T. 2 N., R. 54 W., S.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): Upstream 60.23664 -158.63896 WGS84

Parameters: OHW Stream Stage: Medium Downstream 60.23969 -158.62942 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 16C07 for aquatic and riparian habitat values.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile Samp. ID (# Fish): A (3)

Species\Lifestage: coho salmon juvenile Samp. ID (# Fish): A (1)

Species\Lifestage: pink salmon adult Samp. ID (# Fish): B (20)

Life History: Resident

Species\Lifestage: burbot juvenile Samp. ID (# Fish): A (1)

Species\Lifestage: Arctic grayling juvenile/adult Samp. ID (# Fish): B (3)

Key to Samp. ID

Samp. ID: A Method: Boat-Mounted Electrofisher Electrofisher Time(s): 543 Efficiency: Poor

Samp. ID: B Method: Visual Observation, Boat

*Add coho salmon rearing to 325-30-10100-2249-3142*

Additional Comments: This nomination supports adding to the FDD rearing Chinook salmon and spawning pink salmon upstream to FSN0616C03 and rearing coho salmon from Station FSN0616C10 upstream to Station FSN0606E06.

Name of Observer: Joe Buckwalter

Phone: (907) 267-2345

Date Printed: 11/2/2006

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: \_\_\_\_\_



FSN0616C027.jpg



FSN0616C028.jpg



FSN0616C029.jpg



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Continuation of Station: FSN0616C10 Page: 3



FSN0616C030.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](mailto:mike_wiedmer@fishgame.state.ak.us)

### MEMORANDUM

TO: J. Johnson  
Habitat Biologist

FROM: Michael Wiedmer  
Habitat Biologist  
Region V



DATE: November 2, 2006

SUBJECT: 2006 Tikchik River nominations

Attached are Fish Distribution Database/Anadromous Waters Catalog (FDD/AWC) nominations for the Tikchik River (325-30-10100-2249-3142). In 2006, our freshwater fish inventory (Wiedmer 2006) of the Nushagak/Mulchatna drainage yielded 18 fish sampling efforts and one visual observation on this stream. Additional sampling efforts and observations were made in the headwaters of the Tikchik River. Nominations resulting from observations of anadromous fish in these headwaters have been submitted separately. The Tikchik River sampling efforts and observations support previous observations of adult/spawning Chinook, chum, and sockeye salmon.

Collectively, these efforts support adding to the FDD/AWC rearing Chinook salmon (observed at 10 of 18 sampled locations, Figure 1) downstream from FSN0616C03 to Tikchik Lake; rearing coho salmon (observed at 3 of 18 sampled locations, Figure 2) upstream from FSN0616C10 to FSN0606E06 (on an upper Tikchik River tributary); and extending pink salmon spawning upstream from the currently cataloged Tikchik River upper limit to Station FSN0616C03.

The 19 2006 sampling efforts and observations are bundled into 6 packages, each representing a set of observations from a contiguous reach of stream. 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 Tikhik River rearing coho salmon observations.

