



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

Nomination Form  
Anadromous Waters Catalog

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Region: Southwest

USGS Quad: Dillingham B-1

Anadromous Waters Catalog Number of Waterway: 324-10-10150

Name of Waterway: Kvichak River

USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

Nomination #	140045	<i>W.C.</i>	4/25/14
Revision Year:	2015	Fisheries Scientist	Date
Revision to:	Atlas <input type="checkbox"/> Catalog <input type="checkbox"/>	<i>W.C.</i>	4/25/14
	Both <input checked="" type="checkbox"/>	Habitat Operations Manager	Date
Revision Code:	B-2	AWC Project Biologist	3/14/19
		<i>W.C.</i>	Date
		Cartographer	5/19/14
			Date

**Site Information** Station: FSB1308B01 Date Observed: 8/17/2013 Latitude: Longitude: Datum:  
 Stream Depth (m) Width (m) Water Temp. (C): Down Stream 59.31215 -156.03130 WGS84  
 Parameters: OHW Stream Stage: High Up Stream 59.31732 -156.07185 WGS84  
 Wetted Dominant Substrate: Gravel

**Rosgen Channel Type:**

**Field Comments:** The sampled reach is ~2.5 km of the northernmost channel in Kaskanak Flats, terminating at the confluence of Kaskanak Creek. Float through reach while deploying a underwater video camera. See 07B01 for approximate water chemistry. Video sampling not exhaustive--species and life stages actually present may not have been observed.

**Observation Information**

<b>Life History:</b> Obligate anadromous population	
Species\Lifestage: chum salmon adult spawning	Samp. ID (# Fish): A (15) B (1)
Species\Lifestage: pink salmon adult post-spawner	Samp. ID (# Fish): A (1)
Species\Lifestage: pink salmon carcass	Samp. ID (# Fish): A (1)
Species\Lifestage: sockeye salmon adult spawning	Samp. ID (# Fish): A (8)
Species\Lifestage: sockeye salmon juvenile	Samp. ID (# Fish): B (9)
<b>Life History: Resident</b>	
Species\Lifestage: Arctic grayling juvenile	Samp. ID (# Fish): B (1)
Species\Lifestage: threespine stickleback carcass	Samp. ID (# Fish): B (1)
Species\Lifestage: longnose sucker adult	Samp. ID (# Fish): B (2)
Species\Lifestage: longnose sucker juvenile	Samp. ID (# Fish): B (1)
Species\Lifestage: pond smelt juvenile/adult	Samp. ID (# Fish): B (50)
Species\Lifestage: pond smelt juvenile	Samp. ID (# Fish): B (2)
Species\Lifestage: rainbow trout adult	Samp. ID (# Fish): B (1)
Species\Lifestage: rainbow trout juvenile/adult	Samp. ID (# Fish): B (2)
Species\Lifestage: rainbow trout juvenile	Samp. ID (# Fish): A (10)
Species\Lifestage: round whitefish juvenile/adult	Samp. ID (# Fish): B (2)
Species\Lifestage: round whitefish juvenile	Samp. ID (# Fish): B (3)

*Add sockeye salmon rearing to portion of stream*

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JAN 13 2014

**Life History:** Unknown

**Additional Comments:** Sockeye salmon smolt only were observed upstream and downstream of "Kaskanak Flats"--the anastomosing section of the Kvichak River. Observations of rearing sockeye in the low velocity waters of Kaskanak Flats support their addition to the AWC.

Name of Observer: Michael Wiedmer Phone: (907) 243-7005 Date Printed: 1/13/2014

Signature: *Michael Wiedmer*

Address: Malma Consulting,  
2500 Susitna Drive  
Anchorage, AK 99517

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 Anadromous Waters Catalog.

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_



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Continuation of Station: FSB1308B01 Page: 2

Life History: Unknown

Species\Lifestage: salmon, trout, char, grayling or whitefish, undif. juvenile  
Samp. ID (# Fish): B (1)

**Key to Samp. ID**

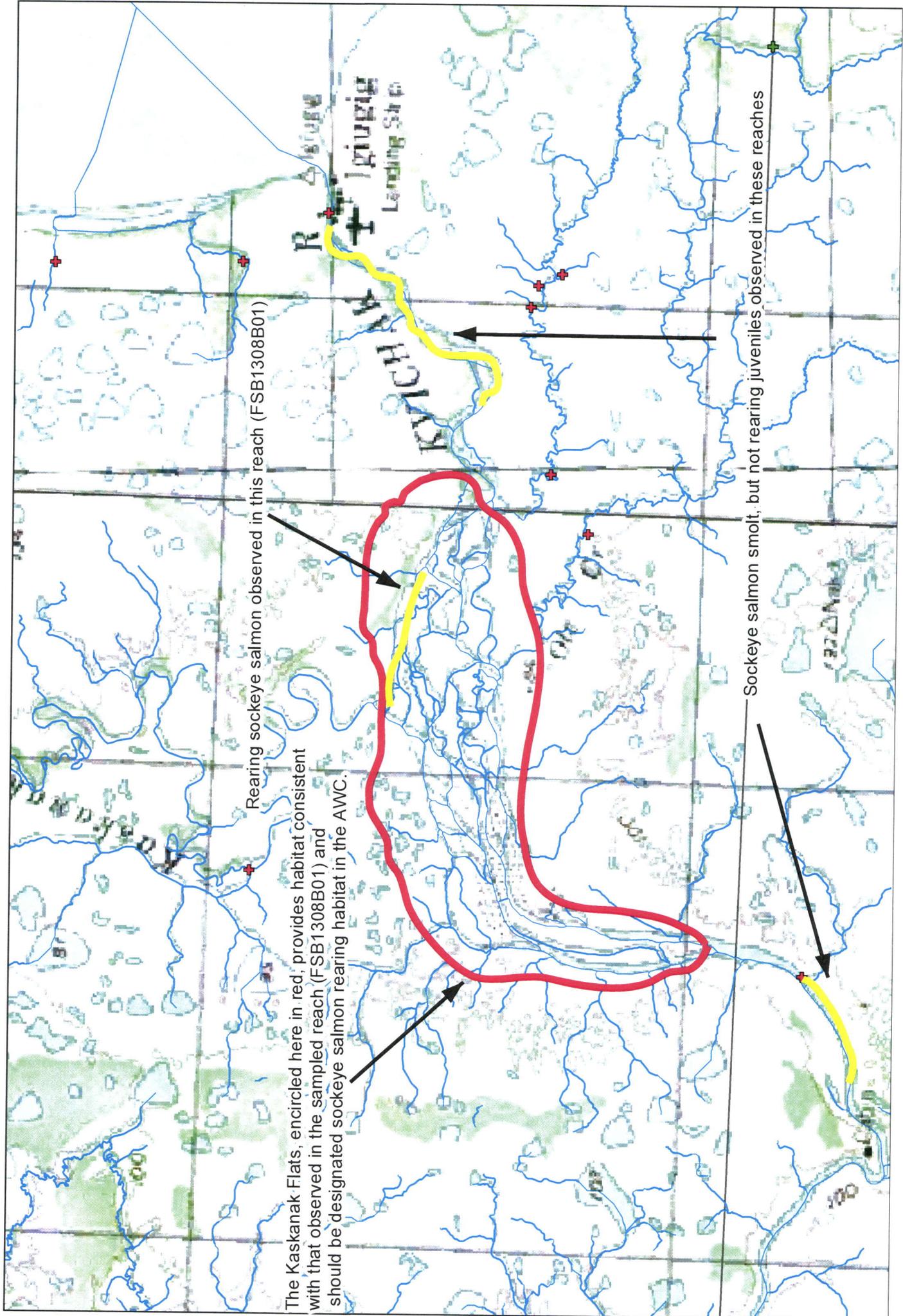
Samp. ID: A Method: Visual Observation, Boat

Samp. ID: B Method: Underwater imagery

Comments: GoPro video camera in underwater housing.



sockeye1.jpg

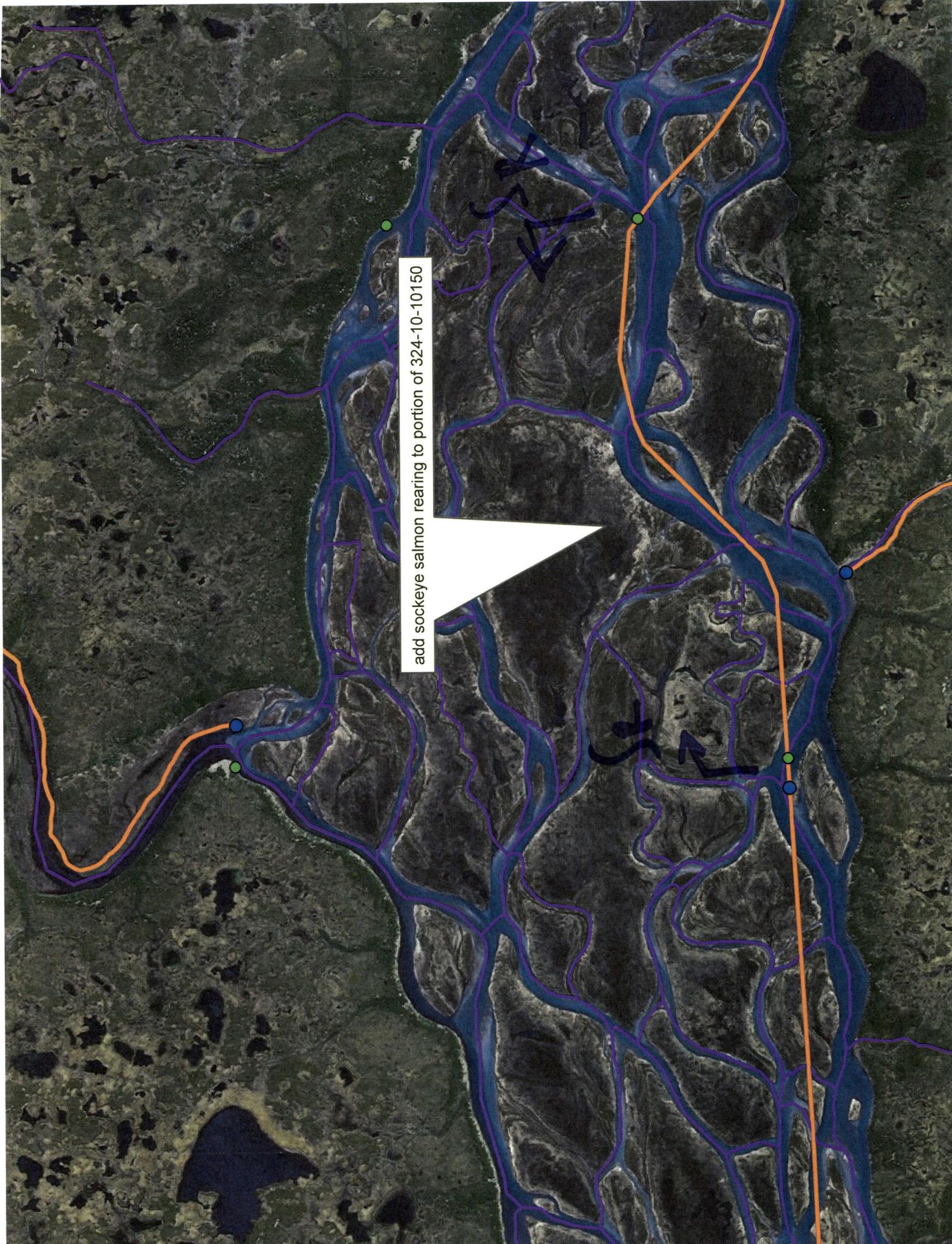


Rearing sockeye salmon observed in this reach (FSB1308B01)

The Kaskanak Flats, encircled here in red, provides habitat consistent with that observed in the sampled reach (FSB1308B01) and should be designated sockeye salmon rearing habitat in the AWC.

Sockeye salmon smolt, but not rearing juveniles observed in these reaches

KVICHIKAN RIVER  
Landing Strip



add sockeye salmon rearing to portion of 324-10-10150