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

Nomination Form
Anadromous Waters Catalog

Region: Southwest

325-30

USGS Quad: Dillingham C-5

Anadromous Waters Catalog Number of Waterway: N/A 2241 - 3015 - 4020 **Status:** N/A

Name of Waterway: ☐ **USGS Name** ☐ **Local Name**

☐ **Addition** ☐ **Deletion** ☐ **Correction** ☑ **Backup Information**

Nomination # 11-373		
	Fisheries Scientist	**Date**
Revision Year: 2012		
Revision to: **Atlas** _____ **Catalog** _____ **Both** _____	**Habitat Operations Manager**	**Date** 9/27/11
	AWC Project Biologist	**Date**
Revision Code: F-1		
	Cartographer	**Date**

Site Information **Station:** FSN1103A01 **Date Observed:** 8/17/2011 **Legal Desc.:** Sec 32, T. 5 S., R. 49 W., S.M. **Latitude:** 59.69781 **Longitude:** -157.64497 **Datum:** WGS84

Stream Parameters:

	Depth (m)	Width (m)	
OHW	0.3	3.5	**Water Temp. (C):** 9.77
Wetted	0.1	2.5	**Stream Stage:** Medium
			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.*

Field Comments: Stream flows through trough between terminal/recessional moraines. Downstream of 2 beaver dams; both <0.3 km upstream. No beaver dams currently downstream. Submerged beds of Fontinalis sp. and filamentous algae.

Observation Information

Life History: Obligate anadromous population
Species\Lifestage: coho salmon juvenile **Samp. ID (# Fish):** A (108)

Life History: Facultative anadromous population, unknown individual life history
Species\Lifestage: Dolly Varden juvenile/adult **Samp. ID (# Fish):** A (1)

Life History: Resident
Species\Lifestage: sculpin-unspecified juvenile/adult **Samp. ID (# Fish):** A (8)
Species\Lifestage: sculpin-unspecified juvenile **Samp. ID (# Fish):** A (13)

Key to Samp. ID
Samp. ID: A **Method:** Portable Electrofisher **Electrofisher Time(s):** 350 **Efficiency:** Fair

supports nom # 11-375

Additional Comments: Rearing coho salmon observed in this tributary at three locations: 03A01, 03A02, and 03A03.

Name of Observer: Michael Wiedmer Phone: (907) 243-7005 Date Printed: 9/17/2011

Signature: _____

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.

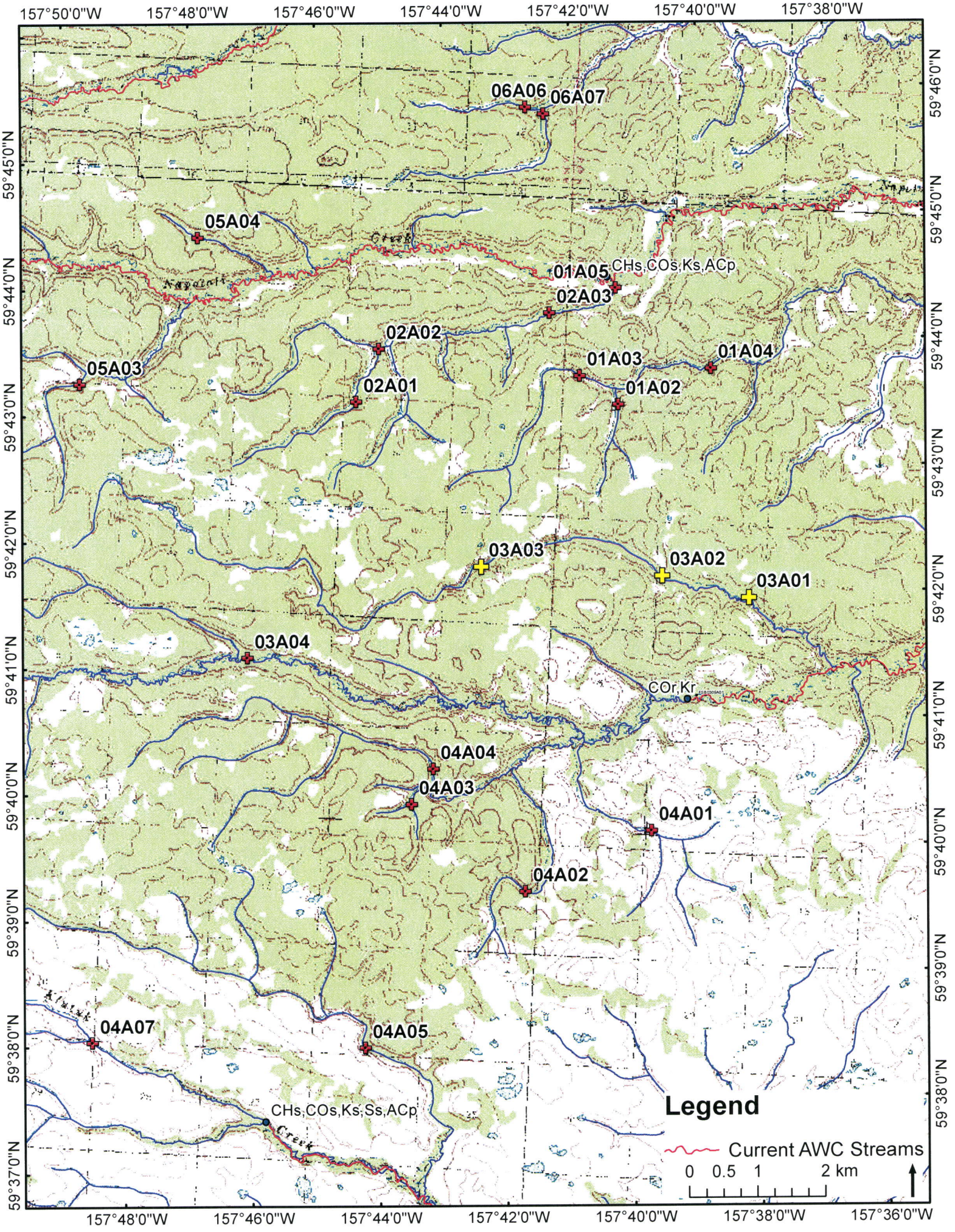
Signature of Area Biologist: _____ **Date:** _____

DSC_9739.jpg

DSC_9740.jpg

DSC_9742.jpg

DSC_9745.jpg


157°50'0"W
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157°40'0"W
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157°36'0"W
59°46'0"N
59°45'0"N
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59°41'0"N
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59°39'0"N
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06A06
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05A04
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CHs,COs,Ks,ACp
02A03
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01A02
03A03
03A02
03A01
03A04
COr,Kr
04A04
04A03
04A01
04A02
04A07
04A05
CHs,COs,Ks,Ss,ACp
Legend
Current AWC Streams
0 0.5 1 2 km

ADF&G permit no. SF2011-259

Summary report of fish collection activity.

The area biologist was contacted on: 6:18 PM; Fri 8/12/2011

Location ID	Latitude	Longitude	Datum	Coordinate Name of w	Date	Observer r	Fish collec	Species	Life stage	Length (mr	Length me	Weight (g)	Sex	Age	ADF&G G(	Additional0	Disposition
FSN1102A03	59.734045	-157.70118	WGS84	Measured/ N/A	8/16/2011	Michael W	Backpack (	coastrange	juvenile/ad	65	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1102A03	59.734045	-157.70118	WGS84	Measured/ N/A	8/16/2011	Michael W	Backpack (	coastrange	juvenile/ad	68	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1102A03	59.734045	-157.70118	WGS84	Measured/ N/A	8/16/2011	Michael W	Backpack (	coastrange	juvenile/ad	69	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	136	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	47	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	53	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	65	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	103	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (clove oil)
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/ N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
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ADF&G permit no. SF2011-259

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FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	47	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	53	fork	N/A	N/A	N/A	N/A	0	measured and released
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FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	57	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	58	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	58	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	76	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	79	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	79	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	79	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	81	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	84	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	84	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	88	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	90	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	100	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm(	juvenile	107	fork	N/A	N/A	N/A	N/A	0	measured and released

ADF&G permit no. SF2011-259

Summary report of fish collection activity.

The area biologist was contacted on: 6:18 PM; Fri 8/12/2011

Location ID	Latitude	Longitude	Datum	Coordinate	Name of w	Date	Observer r	Fish collec	Species	Life stage	Length (mr	Length me	Weight (g)	Sex	Age	ADF&G G(	Additional0	Disposition
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	27	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	32	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	34	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	34	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	35	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	37	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	38	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	53	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	54	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	54	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A01	59.697806	-157.64497	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coastrange	juvenile/ad	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	95	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	Unintended mortality (electrofisher
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	Arctic-Alas	juvenile	77	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	Arctic-Alas	juvenile	78	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	38	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	53	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	53	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	62	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	63	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	64	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	67	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	68	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	74	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	75	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	76	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	76	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	77	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	77	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	80	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1103A02	59.700145	-157.66798	WGS84	Measured/	N/A	8/17/2011	Michael W	Backpack (	coho salm	juvenile	83	fork	N/A	N/A	N/A	N/A	0	measured and released

Malma Consulting

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mikewiedmer@acsalaska.net

September 21, 2011

J Johnson
Sport Fish Division
Research and Technical Services
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, AK 99517

Dear J:

On behalf of Tim Troll and the Nushagak–Mulchatna/Wood–Tikchik Land Trust, I submit the accompanying 21 nominations to the *Catalog of waters important for spawning, rearing, or migration of anadromous fishes – Southwestern Region*. These nominations result from helicopter-supported electrofishing sampling (8/15–20/2011) on tributaries to the Nushagak River at locations shown in Figure 1. Also accompanying the nominations is a spreadsheet listing each of the 1289 fish our field team collected, identified, and measured at the 34 locations we sampled, and an ESRI shapefile of the sample locations.

If you have any questions or comments, please let me know.

Sincerely,

Michael Wiedmer
Principal

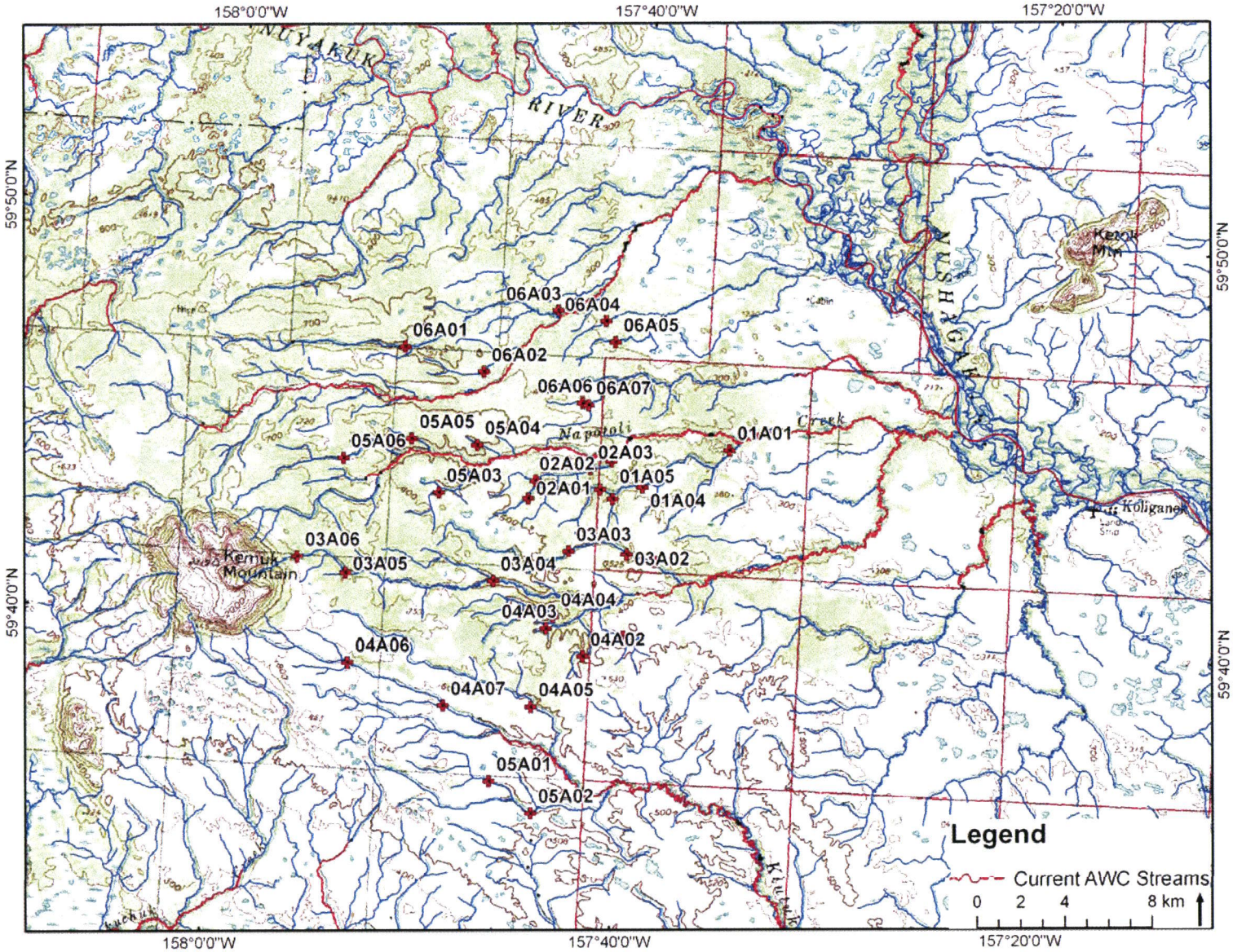

Figure 1.-Locations of sampled stream reaches in tributaries draining from Kemuk Mountain, Nushagak–Mulchatna watershed.