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

Nomination Form
Anadromous Waters Catalog

ME

Region: Southwest

USGS Quad: Dillingham D-5

Anadromous Waters Catalog Number of Waterway: ~~N/A~~ 325-30-10100-2249-3025-4030 **Status:** N/A

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

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

Nomination #	11-387	[signature] **Fisheries Scientist**	10/19/11 **Date**
Revision Year:	2012	[signature] **Habitat Operations Manager**	10/14/11 **Date**
Revision to:	Atlas ____ Catalog ____ Both x	[signature] **AWC Project Biologist**	9/28/11 **Date**
Revision Code:	A-2, B-6	JDG **Cartographer**	11911 **Date**

Site Information **Station:** FSN1106A01 **Date Observed:** 8/20/2011 **Legal Desc.:** Sec 34, T. 4 S., R. 50 W., S.M. **Latitude:** 59.78013 **Longitude:** -157.85754 **Datum:** WGS84

Stream Parameters:

	Depth (m)	Width (m)
OHW	0.4	3.3
Wetted	0.2	3.0

Water Temp. (C): 8.13
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 along the distal margin of an arcuate terminal moraine formed during a Pleistocene glacial advance originating in the Ahklun Mountains west of the Nuyakuk/Tikchik lakes basin. No beaver dams downstream; unknown number of beaver dams upstream. Stream habitat comparable to that in sample reach continues >6 km upstream. While no beaver dams are currently active in the area; there is clear evidence of multiple decades-old beaver dams within 0.5 km of the sampled reach.

Observation Information

Life History: Obligate anadromous population
Species\Lifestage: coho salmon juvenile **Samp. ID (# Fish):** A (8)

Life History: Facultative anadromous population, unknown individual life history
Species\Lifestage: Dolly Varden juvenile/adult **Samp. ID (# Fish):** A (3)
Species\Lifestage: Dolly Varden juvenile **Samp. ID (# Fish):** A (1)

Life History: Resident
Species\Lifestage: coastrange sculpin adult (suspected spawning) **Samp. ID (# Fish):** A (1)
Species\Lifestage: sculpin-unspecified adult (suspected spawning) **Samp. ID (# Fish):** A (5)
Species\Lifestage: sculpin-unspecified juvenile/adult **Samp. ID (# Fish):** A (10)
Species\Lifestage: sculpin-unspecified juvenile **Samp. ID (# Fish):** A (15)
Species\Lifestage: slimy sculpin adult (suspected spawning) **Samp. ID (# Fish):** A (2)

Key to Samp. ID
Samp. ID: A **Method:** Portable Electrofisher **Electrofisher Time(s):** 320 **Efficiency:** Fair

Extend coho salmon present in 325-30-10100-2249-3025
Refer nom # 11-389 Add new stream 325-30-10100-2249-3025-4030 w/coho salmon Rearing / present

Additional Comments: Rearing coho salmon specified downstream in AWC stream 325-30-10100-2249-3025. Recommend extending COr upstream to 06A01.

Name of Observer: Michael Wiedmer Phone: (907) 243-7005 Date Printed: 9/21/2011

Signature: [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:** _____

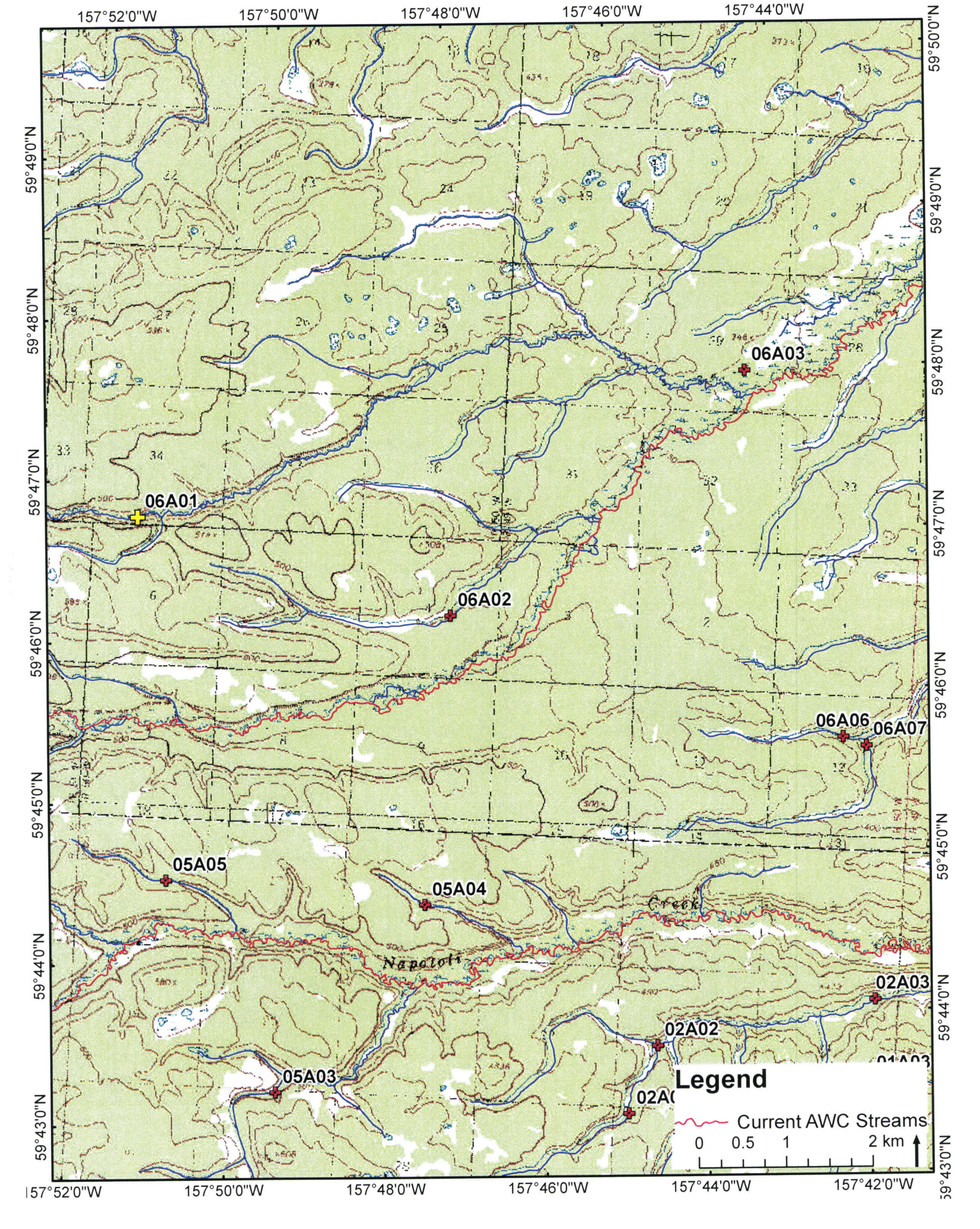
DSC_0137.jpg

DSC_0138.jpg

DSC_0139.jpg

DSC_0161.jpg

DSC_0163.jpg


157°52'0"W
157°50'0"W
157°48'0"W
157°46'0"W
157°44'0"W
157°42'0"W
59°50'0"N
59°49'0"N
59°48'0"N
59°47'0"N
59°46'0"N
59°45'0"N
59°44'0"N
59°43'0"N
06A01
06A02
06A03
06A06
06A07
05A05
05A04
05A03
02A03
02A02
Napotoli
Creek
Legend
Current AWC Streams
0 0.5 1 2 km

Malma Consulting

2500 Susitna Drive
Anchorage, AK 99517
(907) 243-7005
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

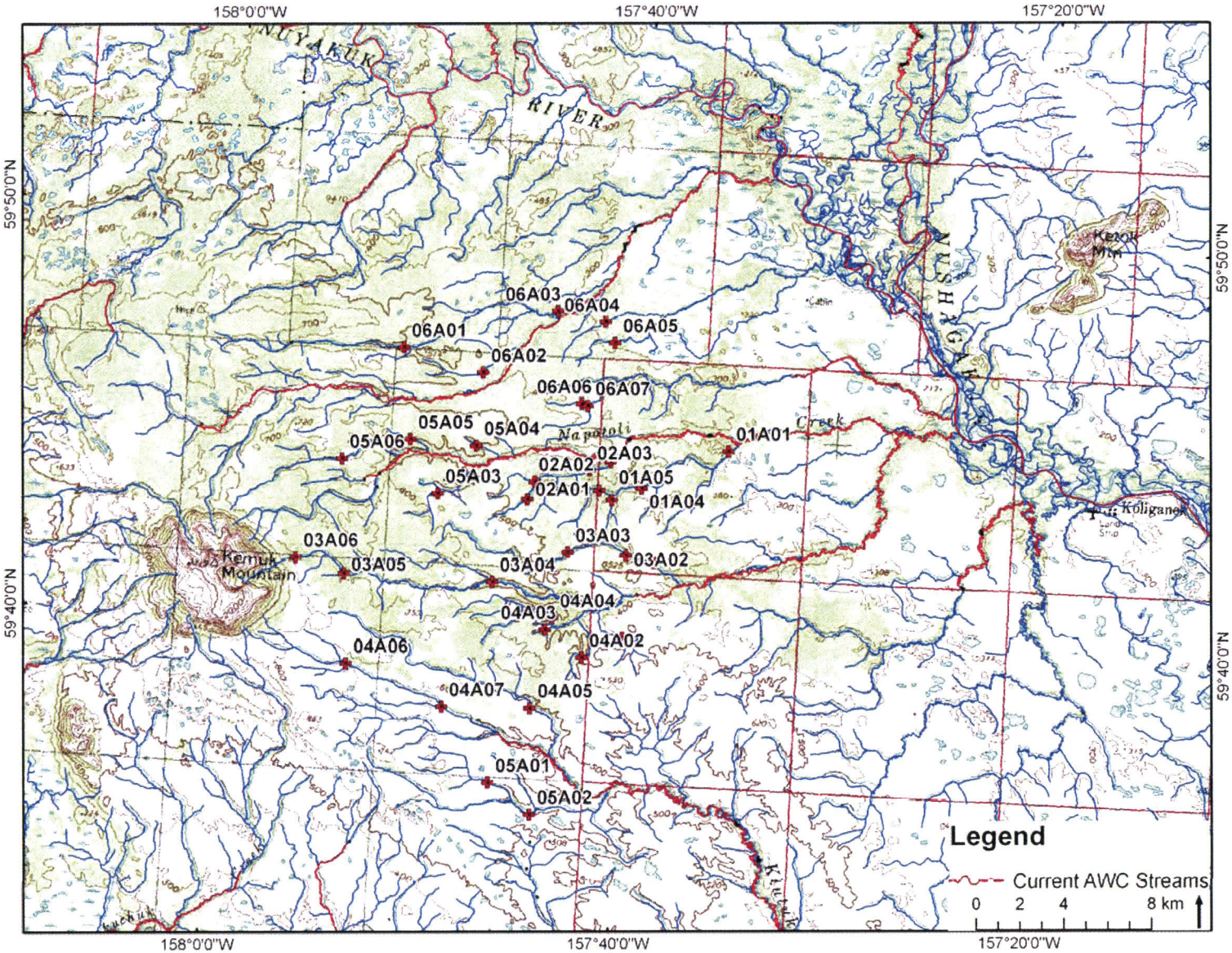


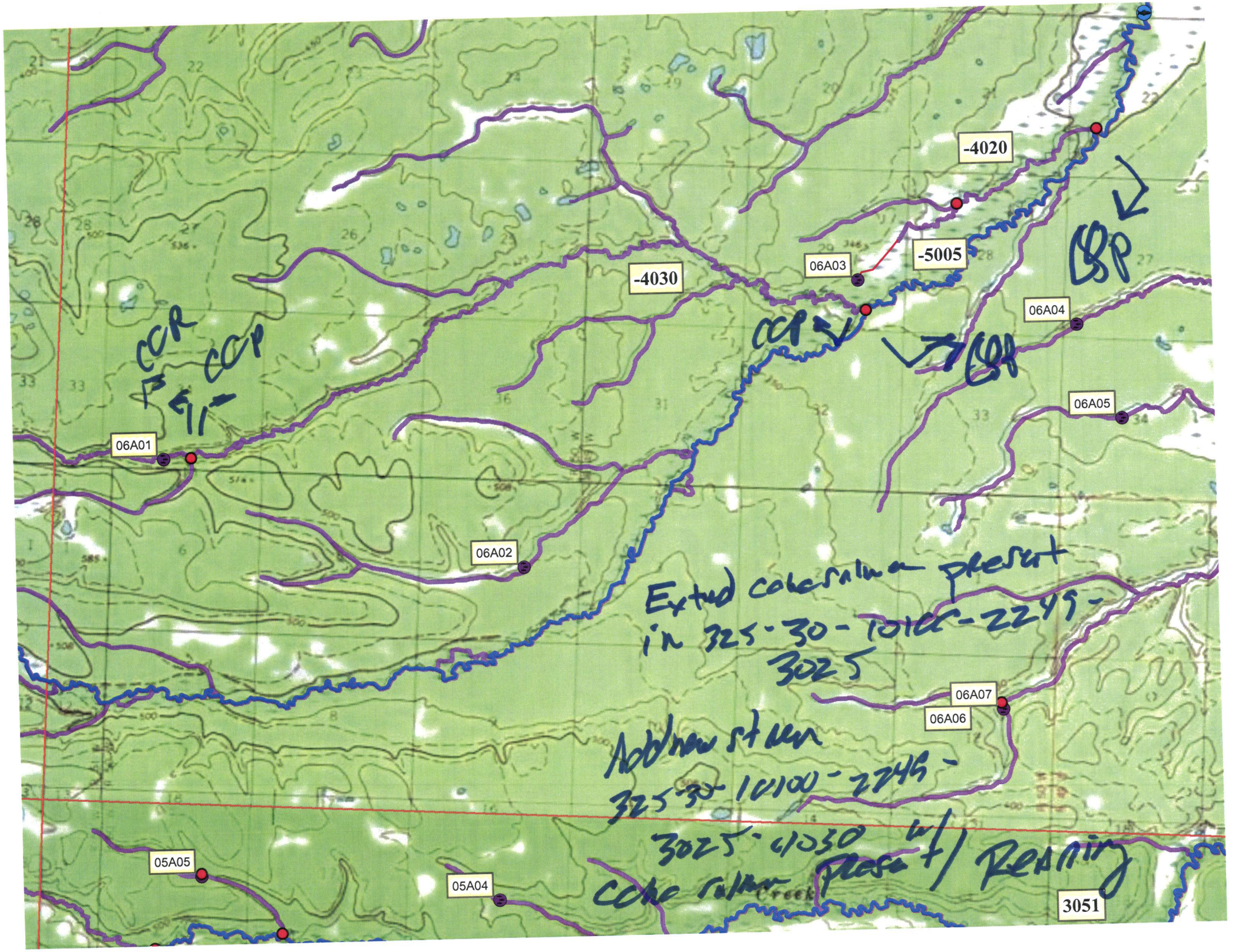
Figure 1.-Locations of sampled stream reaches in tributaries draining from Kemuk Mountain, Nushagak–Mulchatna watershed.

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
FSN1105A06	59.733247	-157.90322	WGS84	Measured/	N/A	8/19/2011	Michael W	Backpack (	coastrange	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1105A06	59.733247	-157.90322	WGS84	Measured/	N/A	8/19/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1105A06	59.733247	-157.90322	WGS84	Measured/	N/A	8/19/2011	Michael W	Backpack (	coastrange	juvenile/ad	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1105A06	59.733247	-157.90322	WGS84	Measured/	N/A	8/19/2011	Michael W	Backpack (	coastrange	juvenile/ad	66	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	109	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	115	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	112	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	Dolly Vard	juvenile	67	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	65	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	74	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	83	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	75	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	19	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	26	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	27	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	29	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	30	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	34	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	36	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	57	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	59	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	66	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	66	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile/ad	69	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	70	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	70	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	70	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	72	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	adult	73	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	slimy sculp	adult	81	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A01	59.780134	-157.85754	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	slimy sculp	adult	81	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	84	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	85	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coho salm	juvenile	96	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	23	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	25	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	25	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1106A02	59.771564	-157.79213	WGS84	Measured/	N/A	8/20/2011	Michael W	Backpack (	coastrange	juvenile	25	fork	N/A	N/A	N/A	N/A	0	measured and released



-4020
-5005
-4030
06A03
06A04
06A05
06A01
06A02
06A07
06A06
05A05
05A04
3051
CCR
CCP
CCP
CCP
CCP
Extend coho salmon present
in 325-30-10100-2249-
3025
Add new stream
325-30-10100-2249-
3025-4030 w/
coho salmon present / Reaming