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

Nomination Form
Anadromous Waters Catalog

Region: Southwest **USGS Quad:** Dillingham C-5

Anadromous Waters Catalog Number of Waterway: ~~N/A~~ 325-30-10100-2241-3031 **Status:** Nominated

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

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

Nomination # 11-369		10/14/11
	Fisheries Scientist	**Date**
Revision Year: 2012		10/14/11
	Habitat Operations Manager	**Date**
Revision to: **Atlas** ____ **Catalog** ____ **Both** ✓		9/23/11
	AWC Project Biologist	**Date**
Revision Code: A-2	JOG	11 9 11
	Cartographer	**Date**

Site Information **Station:** FSN1101A01 **Date Observed:** 8/15/2011 **Legal Desc.:** Sec 15, T. 5 S., R. 49 W., S.M. **Latitude:** 59.74475 **Longitude:** -157.58857 **Datum:** WGS84

Stream Parameters:	**Depth (m)**	**Width (m)**	
			Water Temp. (C): 8.89
OHW	0.7	4.5	**Stream Stage:** Medium
Wetted	0.4	4.3	**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: Sampled reach at distal margin of the study area's oldest, most subdued terminal moraine. Immediately downstream of one beaver dam and downstream of a total of 7 beaver dams. No beaver dams downstream. Dense instream cover of Sparganium sp.

Observation Information

Life History: Obligate anadromous population

Species\Lifestage: Chinook salmon juvenile **Samp. ID (# Fish):** A (5)
Species\Lifestage: coho salmon juvenile **Samp. ID (# Fish):** A (18)

Life History: Facultative anadromous population, unknown individual life history

Species\Lifestage: Dolly Varden adult **Samp. ID (# Fish):** A (1)
Species\Lifestage: Dolly Varden juvenile/adult **Samp. ID (# Fish):** A (1)

Life History: Resident

Species\Lifestage: Arctic grayling juvenile **Samp. ID (# Fish):** A (1)
Species\Lifestage: Alaskan brook lamprey adult **Samp. ID (# Fish):** A (1)
Species\Lifestage: coastrange sculpin juvenile/adult **Samp. ID (# Fish):** A (2)
Species\Lifestage: coastrange sculpin juvenile **Samp. ID (# Fish):** A (3)
Species\Lifestage: slimy sculpin juvenile/adult **Samp. ID (# Fish):** A (3)
Species\Lifestage: slimy sculpin juvenile **Samp. ID (# Fish):** A (1)

Key to Samp. ID

Samp. ID: A **Method:** Portable Electrofisher **Electrofisher Time(s):** 695 **Efficiency:** Fair

Add new stream w/coho and Chinook salmon rearing

Additional Comments: Obligate anadromous fish not observed upstream at stations 01A02-4. Local habitats at upstream locations appear suitable, so the upstream distribution of rearing coho salmon will likely fluctuate with beaver dam permeability.

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:** _____

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

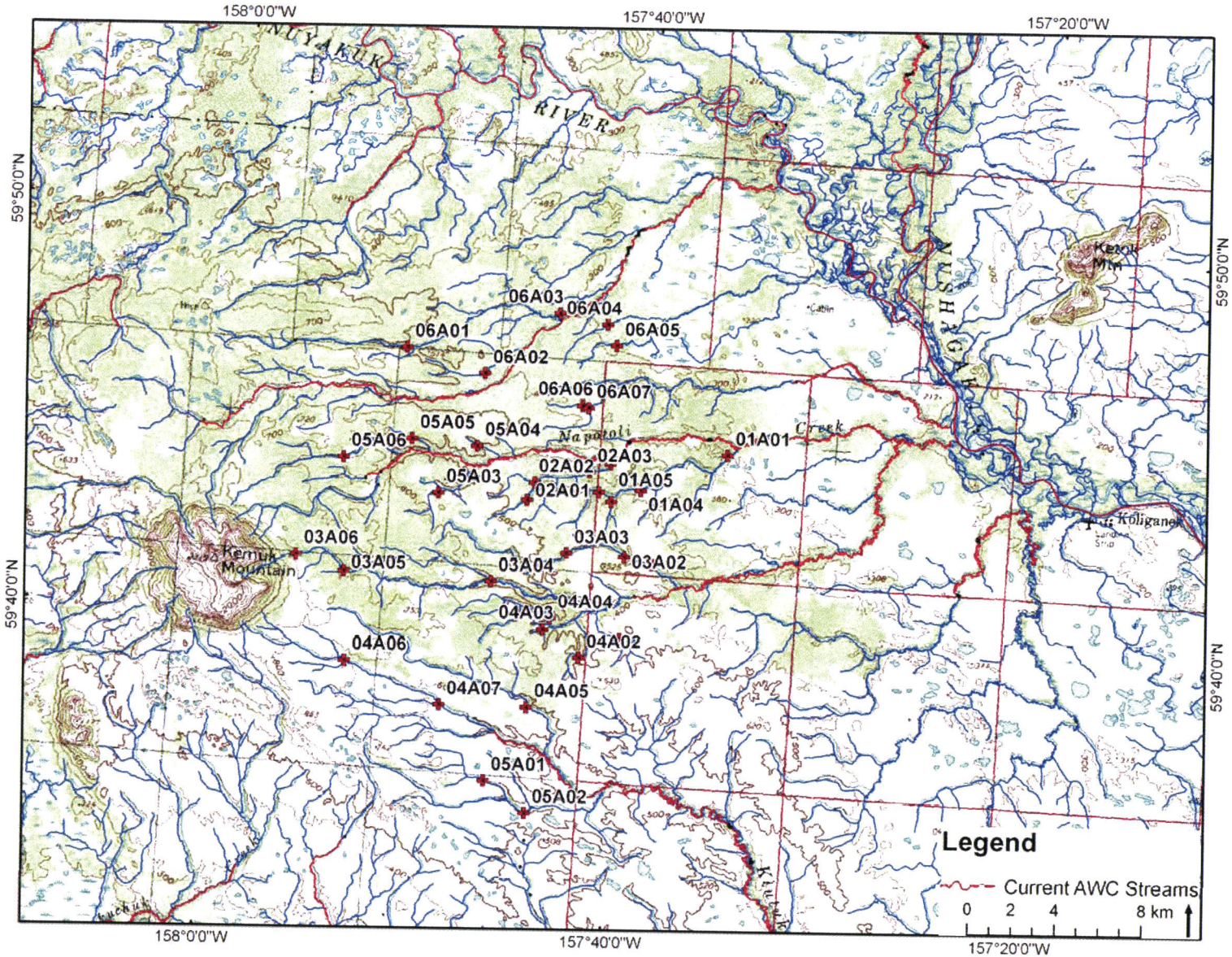

Figure 1.-Locations of sampled stream reaches in tributaries draining from Kemuk Mountain, Nushagak–Mulchatna watershed.

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(	Additional	0 Disposition
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Dolly Vard	juvenile/ad	106	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Dolly Vard	adult	160	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Arctic gray	juvenile	116	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Alaskan br	adult	152	fork	N/A	male	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Chinook sa	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Chinook sa	juvenile	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Chinook sa	juvenile	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Chinook sa	juvenile	64	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Chinook sa	juvenile	67	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	37	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	54	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coho salm	juvenile	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile	38	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile/ad	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile/ad	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A01	59.744746	-157.58857	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile/ad	53	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile/ad	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	Dolly Vard	adult	144	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile	47	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	coastrange	juvenile/ad	54	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	28	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	28	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	29	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	31	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	31	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	31	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	32	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	33	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	35	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	35	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	36	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	38	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	40	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1101A03	59.725964	-157.69235	WGS84	Measured/	N/A	8/15/2011	Michael W	Backpack (	slimy sculp	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released

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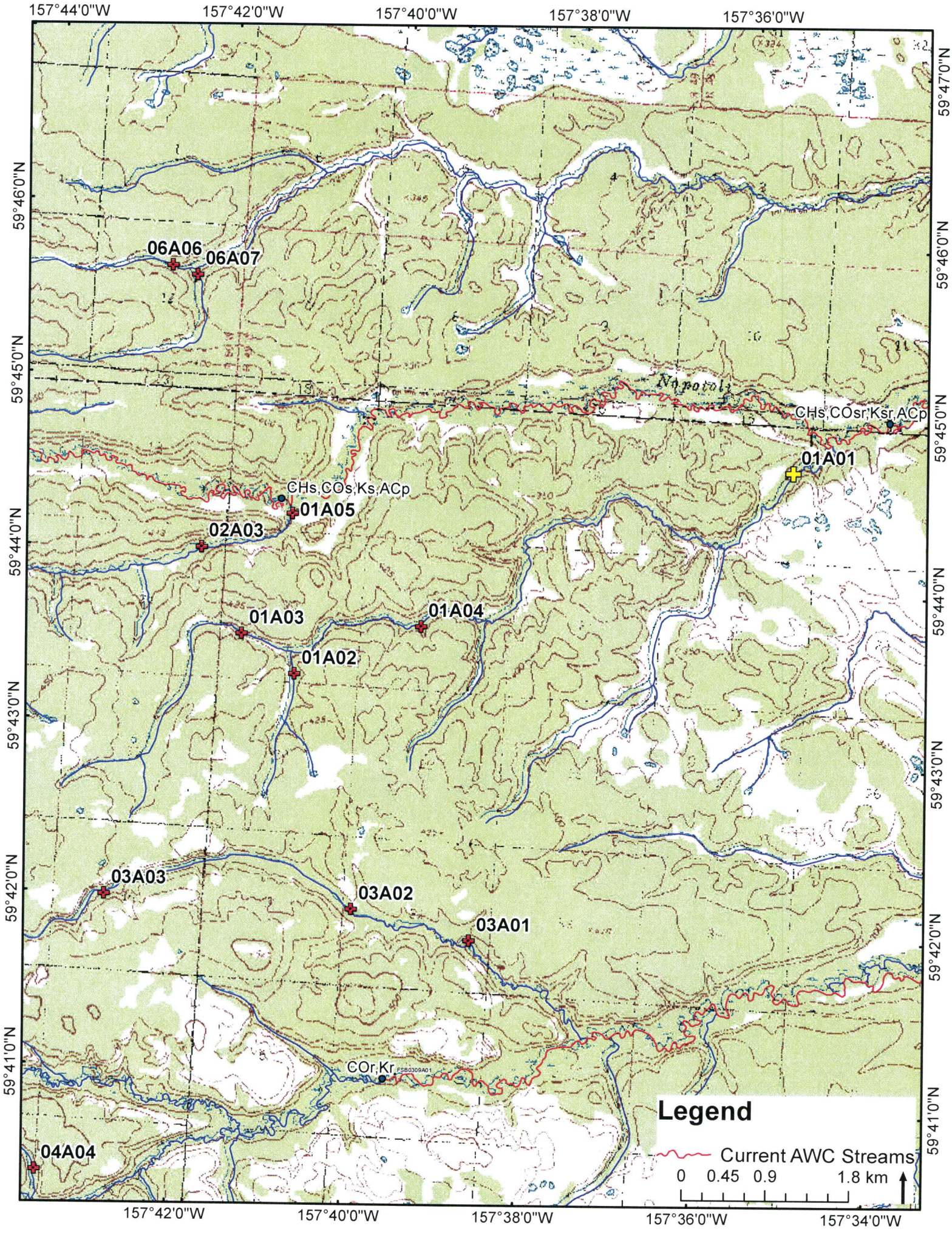
DSC_9566.jpg

DSC_9572.jpg

DSC_9574.jpg


157°44'0"W
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59°41'0"N
06A06
06A07
CHs,COsr,Ksr,ACp
01A01
CHs,COs,Ks,ACp
01A05
02A03
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01A04
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03A02
03A01
COr,Kr
FSB0309A01
04A04
Legend
Current AWC Streams
0 0.45 0.9 1.8 km

01A01
CCR KR
Add new station
325-30-10100-2241-3031
w/ Chinook and
coho salmon
Rearing
KR CCR