ME

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

Nomination Form
Anadromous Waters Catalog

USGS Quad: Dillingham C-5

Region: Southwest

Anadromous Waters Catalog Number of Waterway: ~~N/A~~ 325-30-10100-2141-3166 **Status:** N/A

☐ **USGS Name** ☐ **Local Name**

Name of Waterway:

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

Nomination # 11-381		10/14/11
Revision Year: 2012	**Fisheries Scientist**	**Date**
Revision to: Atlas ____ Catalog ____ Both ✓	**Habitat Operations Manager**	10/14/11 **Date**
	AWC Project Biologist	9/27/11 **Date**
Revision Code: A-2	SDO **Cartographer**	**Date**

Site Information **Station:** FSN1104A05 **Date Observed:** 8/18/2011 **Legal Desc.:** Sec 23, T. 6 S., R. 50 W., S.M. **Latitude:** 59.63574 **Longitude:** -157.73950 **Datum:** WGS84

Stream Parameters:

	Depth (m)	Width (m)	
OHW	0.3	2.8	**Water Temp. (C):** 11.71
Wetted	0.2	2.8	**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: Upper Klutuk Creek drainage flows through troughs between multiple Ahklun Mtn.-sourced Wisconsin(?)-age terminal/recessional moraines. Reach (dry) upstream of sampled reach follows the proximal margin of the older, outer moraine. Sampled reach upstream of 6 channel-spanning beaver dams; downstream of none. Upstream limit of surface flow ~0.4 km upstream. Upstream of that location, there is a defined channel (unvegetated, washed substrate). The sampled reach is a long pool, with depths >3 m. Substrate sub-rounded.

Observation Information

Life History: Obligate anadromous population
Species\Lifestage: coho salmon juvenile **Samp. ID (# Fish):** A (3)

Life History: Resident
Species\Lifestage: ninespine stickleback adult (suspected spawning) **Samp. ID (# Fish):** A (1)
Species\Lifestage: ninespine stickleback juvenile/adult **Samp. ID (# Fish):** A (7)
Species\Lifestage: ninespine stickleback juvenile **Samp. ID (# Fish):** A (1)
Species\Lifestage: slimy sculpin adult **Samp. ID (# Fish):** A (1)

Key to Samp. ID
Samp. ID: A **Method:** Portable Electrofisher **Electrofisher Time(s):** 306 **Efficiency:** Fair

Add new stream w/coho salmon rearing

Additional Comments: Rearing coho salmon found consistently at sample locations in this drainage system, including downstream at the uppermost currently specified observations of coho rearing in AWC stream 325-30-10100-2141 (Klutuk Ck.). Recommend extending COr to 04A05.

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

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:** _____

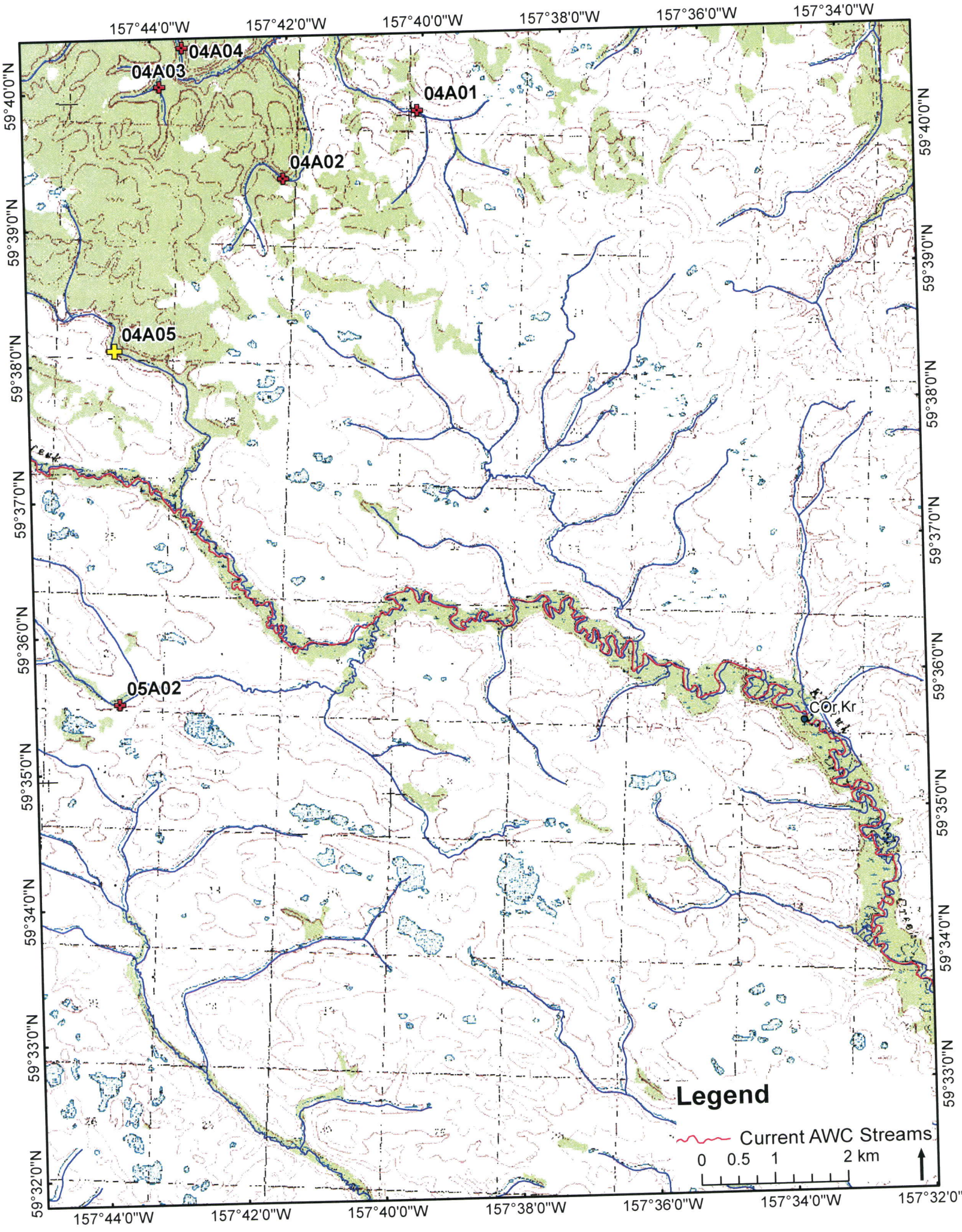
DSC_0002.jpg

DSC_0003.jpg

DSC_0005.jpg

DSC_0007.jpg

DSC_0009.jpg


157°44'0"W
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04A04
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Cor,Kr
Legend
Current AWC Streams
0 0.5 1 2 km

Malma Consulting

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Anchorage, AK 99517
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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

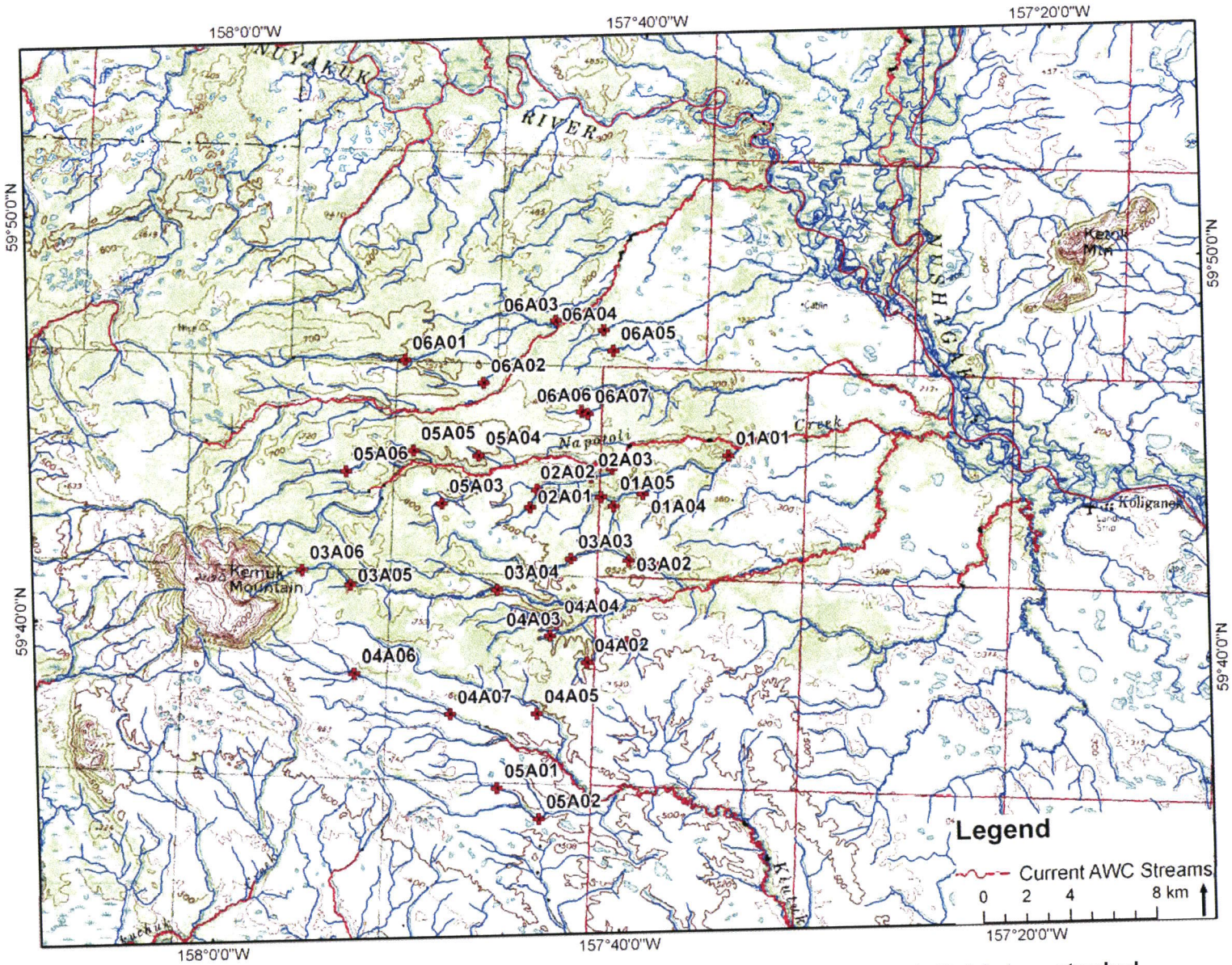

Figure 1.-Locations of sampled stream reaches in tributaries draining from Kemuk Mountain, Nushagak–Mulchatna watershed.

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 (mn	Length me	Weight (g)	Sex	Age	ADF&G G(	Additional	0 Disposition
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coho salm(	juvenile	89	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coho salm(	juvenile	95	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile	35	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile	38	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile	39	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile	47	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	57	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	58	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A04	59.673108	-157.72544	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	59	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile	25	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	49	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	53	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	54	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	juvenile/ad	58	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coho salm(	juvenile	85	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coho salm(	juvenile	89	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	coho salm(	juvenile	105	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	slimy sculp	adult	92	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A05	59.635738	-157.7395	WGS84	Measured/	N/A	8/18/2011	Michael W	Backpack (	ninespine s	adult	69	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	adult	92	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	37	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	41	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	42	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	43	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	44	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	45	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	46	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile	48	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	50	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	51	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	52	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	55	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	56	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	57	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	57	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	60	fork	N/A	N/A	N/A	N/A	0	measured and released
FSN1104A06	59.649832	-157.89083	WGS84	Measured/	Klutuk Cre(	8/18/2011	Michael W	Backpack (	coastrange	juvenile/ad	61	fork	N/A	N/A	N/A	N/A	0	measured and released

04A05
COR
Add new stream
325-30-10100-
2141-3166
w/ coho salmon
Rearing
Creek
-3166
COR