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

Nomination Form
Anadromous Waters Catalog

Region: Southwestern

USGS Quad(s): Iliamna C-8

Anadromous Waters Catalog Number of Waterway: 324-10-10150-2155-3010-~~XXXX~~ 4013 - 0010 - 0020

Name of Waterway: ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	120073		9/4/12
		Fisheries Scientist	Date
Revision Year:	2013		9/4/12
Revision to:	Atlas ____ Catalog ____	Habitat Operations Manager	Date
	Both ✓		6/5/12
		AWC Project Biologist	Date
Revision Code:	A-2		9/19/12
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	10/17/2011		Y		X
Dolly Varden	10/17/2011		Y		U

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: The purpose of this nomination is to add a new stream to the current AWC for COr and DVr. Supporting data, including the presence of cospecies, are provided in the attached MS Excel file '2011_TWUPAWCSupportingData_20120120.xls' and are summarized in the attached Table 2 and Iliamna Lake Tributaries map. Sampling was conducted using minnow traps at a proposed Temporary Water Use Permit site. The observers were S. Dotomain (R2 Resource Consultants, Inc.) and S. Nieraeth (Alaska Peninsula Corporation Services).

Add new stream & lakes w/ coho salmon Rearing/present as indicated

Name of Observer (please print): R2 & APCS; prepared by Judith Simon (R2)

Signature: Judith A. Simon Date: 1/20/2012

Agency: R2 Resource Consultants Inc.

Address: 2600 Denali St. Suite 102
Anchorage, AK 99503

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: _____ Revision

02/08

Table 1. Iliamna Lake tributary AWC 324-10-10150-2155-3010 fish observations.

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	COp	coho salmon	ANADROMOUS	ADULT	10/16/2011	VISUAL OBSERVATION					2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W3	20.9	55	55	1
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W5	20.9	33	33	1
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W1	20.9	101	101	1
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W2	20.8	60	108	4
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W5	20.9	51	63	3
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W9	20.7	42	51	2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W2	20.8	112	167	2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W2	20.8	68	68	1
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/17/2011	MINNOW TRAP	W6	20.8	184	190	2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W2	20.8	79	102	2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W6	20.8	117	117	1
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W9	20.7	102	120	2
ILIAMNA C-8	KS11-B6-W	59.64243	-155.69167	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W6	20.8	145	145	1

Table 2. Iliamna Lake tributary AWC 324-10-10150-2155-3010-XXXX fish observations.

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W1	21.3	48	62	11
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W2	21.3	47	57	3
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W5	21.2	54	56	2
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W7	21.2	52	65	2
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W8	21.2	62	111	4
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W9	21.1	54	54	1
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W3	21.3	75	75	1
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W8	21.2	162	162	1
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W5	21.2	105	125	2
ILIAMNA C-8	KS11-B1-W	59.64662	-155.72835	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W8	21.2	81	81	1

Table 3. Iliamna Lake tributary AWC 324-10-10150-2159 fish observations.

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W1	20.4	62	62	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/17/2011	MINNOW TRAP	W9	20.3	104	104	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W2	20.4	48	48	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W3	20.4	10	15	2
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W4	20.4	10	10	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W5	20.4	15	15	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W6	20.4	13	13	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W8	20.3	23	42	2
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W9	20.3	16	16	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/17/2011	MINNOW TRAP	W8	20.3	42	42	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W1	20.4	70	70	1
ILIAMNA C-8	KS11-B2-W	59.65489	-155.66447	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/17/2011	MINNOW TRAP	W8	20.3	74	74	1

Table 4. Iliamna Lake tributary AWC 324-10-10150-2159-XXXX fish observations.

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W4	20.9	52	52	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W5	20.9	43	70	3
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W7	20.8	107	107	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W9	20.8	52	63	5
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W10	20.8	102	102	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W2	21	91	105	2
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W3	21	47	47	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W4	20.9	50	52	2

Table 4. CONTINUED

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W5	20.9	97	105	2
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W6	20.9	115	115	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W7	20.8	58	114	2
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W8	20.8	49	111	6
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W2	21	165	165	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W3	21	52	52	1
ILIAMNA C-8	KS11-B3-W	59.65952	-155.69192	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W5	20.9	77	77	1
ILIAMNA C-8	KS2011-A-W	59.70501	-155.64158	ISOLATED POND	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	24.7	35	35	1

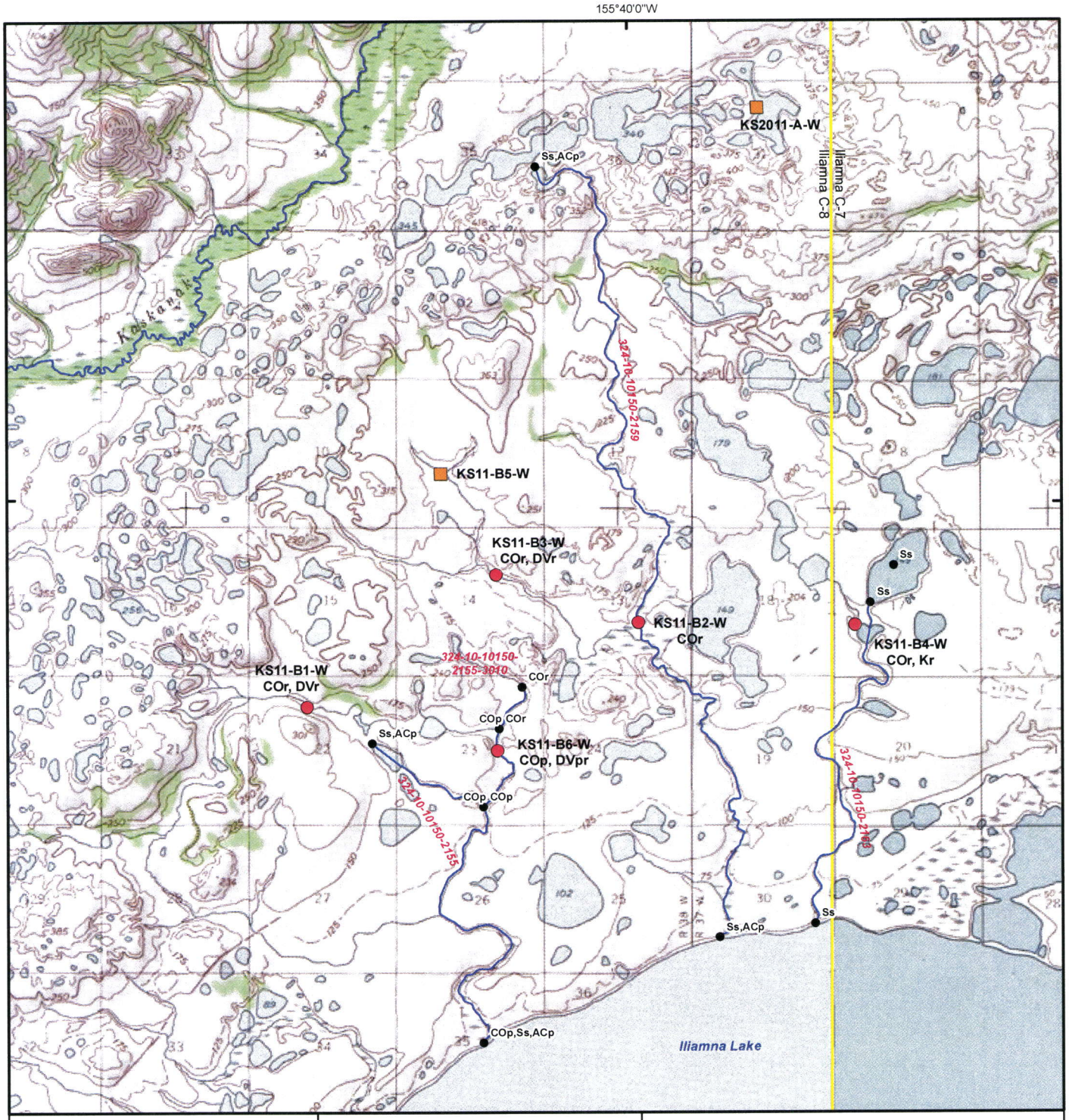
Table 5. Additional fish observations within the study area.[a]

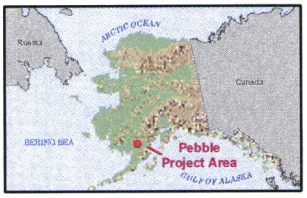
USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-8	KS11-B5-W	59.66938	-155.70260	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W10	20.9	42	42	1
ILIAMNA C-8	KS11-B5-W	59.66938	-155.70260	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W2	21.1	64	64	1

[a]See map for site location.

Table 6. Iliamna Lake tributary AWC 324-10-10150-2163-XXXX fish observations.

USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W1	21.3	62	96	7
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W3	21.3	63	110	10
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W4	21.5	45	45	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W1	21.3	57	65	4
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W10	21.3	62	85	5
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W3	21.3	48	73	8
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W4	21.5	61	66	3
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W5	21.5	61	67	2
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/18/2011	MINNOW TRAP	W7	21.4	56	56	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W10	21.3	87	87	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W3	21.3	50	50	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W4	21.5	51	51	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W6	21.5	37	37	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W7	21.4	52	59	2
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W1	21.3	45	45	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W2	21.4	41	41	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W3	21.3	14	66	7
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/18/2011	MINNOW TRAP	W4	21.5	34	74	9
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W3	21.3	97	97	1
ILIAMNA C-7	KS11-B4-W	59.65467	-155.62269	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/18/2011	MINNOW TRAP	W4	21.5	96	96	1





Miles 0 1

Kilometers 0 1

N

Scale 1:60,000

Alaska Albers
1983 North American Datum

Proposed AWC Species Update

- AWC Nomination Site
- Cospecies-Only Site
- AWC (2011) Species Distribution
- AWC (2011) Stream
- USGS Quadrangle Boundary

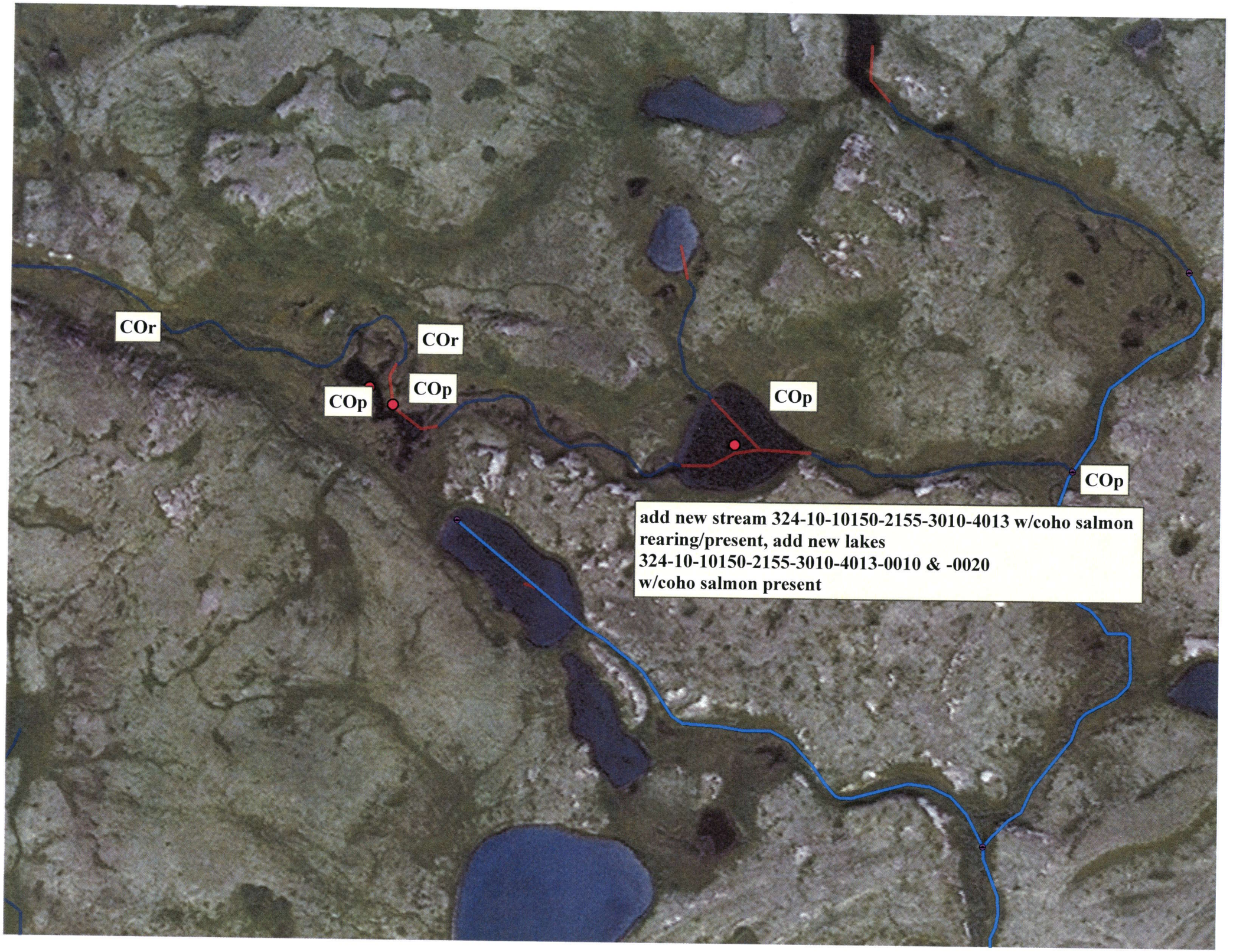
Iliamna Lake Tributaries

AWC 324-10-10150-2155-3010
AWC 324-10-10150-2155-3010-XXXX
AWC 324-10-10150-2159
AWC 324-10-10150-2159-XXXX
AWC 324-10-10150-2159-XXXX-????
AWC 324-10-10150-2163-XXXX

SPECIES CODES
CH chum salmon
CO coho salmon
K Chinook salmon
P pink salmon
S sockeye salmon
DV dolly varden

LIFESTAGE CODES
m Migration
p Present
r Rearing
s Spawning

R2	File: Map_AWC_IlLake.mxd	Date: January 27, 2012
	Version 2	Author: R2 -- JJZ


COr
COr
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add new stream 324-10-10150-2155-3010-4013 w/coho salmon rearing/present, add new lakes 324-10-10150-2155-3010-4013-0010 & -0020 w/coho salmon present