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

Nomination Form
Anadromous Waters Catalog

Region: Southwestern

USGS Quad(s): Iliamna C-7

Anadromous Waters Catalog Number of Waterway: 324-10-10150-2167-3009-~~XXXX-XXXX~~ 4021 - 5010

Name of Waterway: ☐ USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	120071	Fisheries Scientist	9/4/12 Date
Revision Year:	2013	Habitat Operations Manager	9/4/12 Date
Revision to:	Atlas ____ Catalog ____ Both X	AWC Project Biologist	6/26/12 Date
Revision Code:	A-2, B-6, B-1	Cartographer	9/18/12 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	10/15/2011		(8) Y		X
Chinook Salmon	10/15/2011		(6) Y		X
Dolly Varden	10/14/2011, 10/15/2011		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, Kr, 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 6 and Lower Talarik Creek Watershed map. Sampling was conducted using minnow traps at proposed Temporary Water Use Permit sites. The observers were S. Dotomain (R2 Resource Consultants, Inc.) and S. Nieraeth (Alaska Peninsula Corporation Services).

ref nom# 12-070

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

Extend Chinook Salmon present in 324-10-10150-2167
Add Chinook salmon present to 324-10-10150-2167-3009, 2167-0020, 2167-3009-0010
Add Chinook and coho salmon present to 3009-0020
Add new stream 3009-4021 w/ Chinook and coho salmon present
Add new stream 3009-4021-5011 w/ Chinook and coho salmon REARING

Table 5. 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-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W5	25.7			37
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W6	25.8			6
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W7	25.9			4
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W8	25.8			4
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE	10/3/2011	MINNOW TRAP	W6	25.8	70	70	1

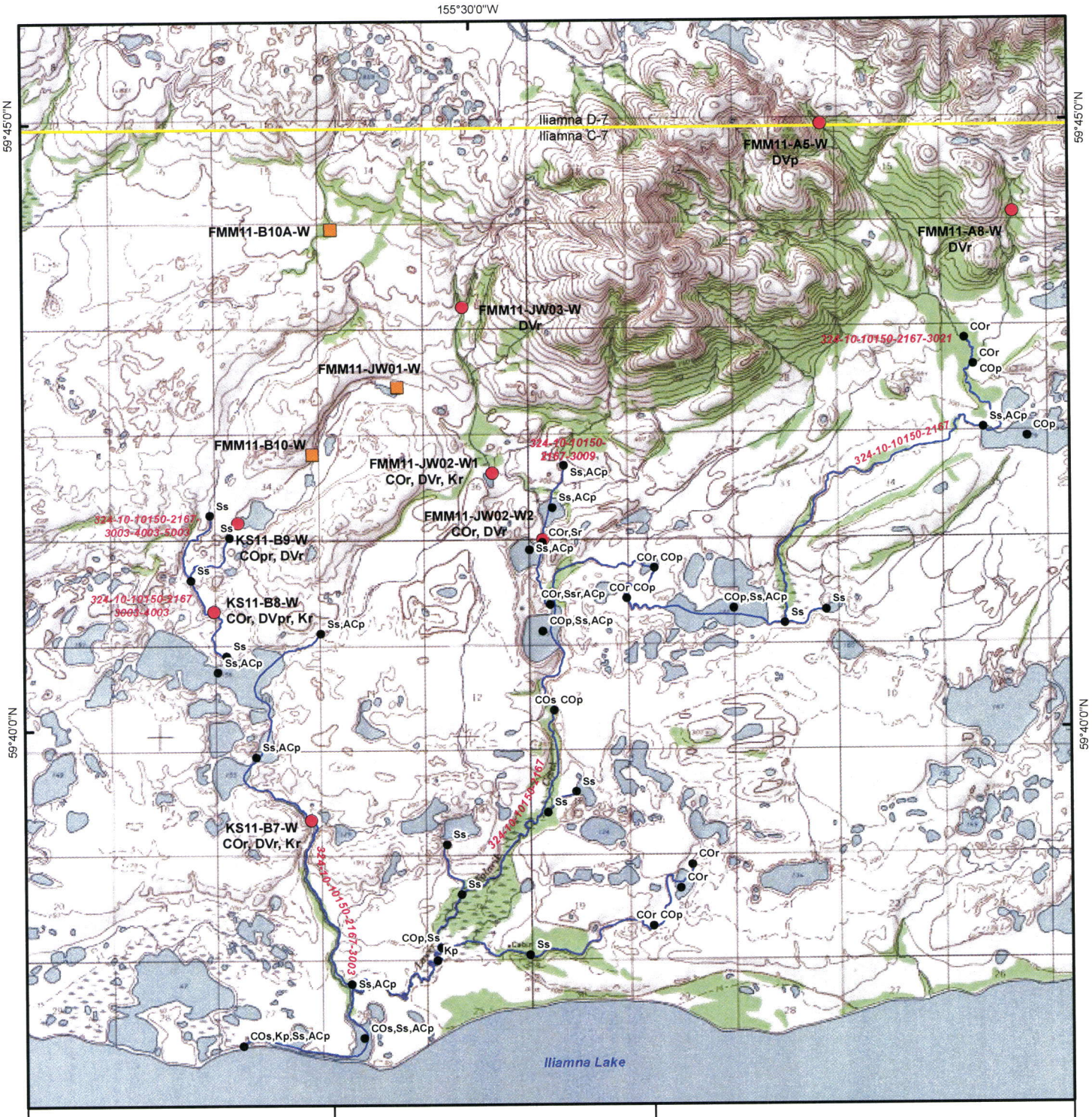
Table 6. Lower Talarik Creek tributary AWC 324-10-10150-2167-3009-XXXX-XXXX fish observations.

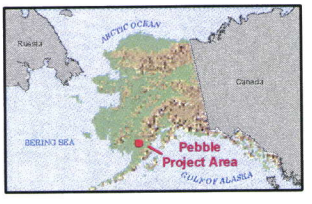
USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W1	19.8	47	65	5
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W10	20.1			8
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W2	19.9	60	92	8
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W3	20	50	50	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W4	20.1	44	53	5
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W5	20.1	50	95	20
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W8	20.2	52	100	17
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W9	20.1			7
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	northern pike	RESIDENT	ADULT	10/14/2011	VISUAL OBSERVATION					1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/15/2011	MINNOW TRAP	W10	20.1	89	89	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/15/2011	MINNOW TRAP	W9	20.1	105	105	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W1	19.8	54	87	3
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W10	20.1	62	62	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W2	19.9	55	60	2
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W3	20	58	86	5
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W4	20.1	71	80	2
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W5	20.1	73	82	4
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W7	20.3	52	74	2
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W5	20.1	15	42	2
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W6	20.3	54	60	6
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W7	20.3	57	57	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W8	20.2	56	56	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/15/2011	MINNOW TRAP	W10	20.1	110	110	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/15/2011	MINNOW TRAP	W8	20.2	111	111	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W9	20.1	85	120	4
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W10	20.1	95	108	5
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W2	19.9	97	111	6
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W3	20	70	95	2
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W4	20.1	61	61	1
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W5	20.1	51	93	8
ILIAMNA C-7	FMM11-JW02-W1	59.70197	-155.49436	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/15/2011	MINNOW TRAP	W9	20.1	97	107	3
ILIAMNA C-7	FMM11-JW03-W	59.72477	-155.50228	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/14/2011	MINNOW TRAP	W1	20.5	79	79	1
ILIAMNA C-7	FMM11-JW03-W	59.72477	-155.50228	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W1	20.5	75	75	1
ILIAMNA C-7	FMM11-JW03-W	59.72477	-155.50228	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W4	20.3	199	199	1
ILIAMNA C-7	FMM11-JW03-W	59.72477	-155.50228	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W9	20.3	76	76	1

Table 7. Lower Talarik Creek tributary AWC 324-10-10150-2167-3021-???? fish observations.[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 D-7	FMM11-A5-W	59.74968	-155.40435	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/20/2011	MINNOW TRAP	W4	20.8	126	159	2
ILIAMNA D-7	FMM11-A5-W	59.74968	-155.40435	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/20/2011	MINNOW TRAP	W8	20.7	151	151	1
ILIAMNA D-7	FMM11-A5-W	59.74968	-155.40435	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/20/2011	MINNOW TRAP	W9	20.7	151	151	1

[a]It is uncertain if site FMM11-A5-W is located on AWC stream 324-10-10150-2167-3021 or is located on a tributary (324-10-10150-2167-3021-XXXX) to this stream.





Miles 0 1

Kilometers 0 1

N

Scale 1:84,000

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

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

Lower Talarik Creek Watershed

AWC 324-10-10150-2167
AWC 324-10-10150-2167-3003
AWC 324-10-10150-2167-3003-4003
AWC 324-10-10150-2167-3003-4003-5003-XXXX
AWC 324-10-10150-2167-3009
AWC 324-10-10150-2167-3009-XXXX-XXXX
AWC 324-10-10150-2167-3021-????

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

Table 1. Lower Talarik Creek AWC 324-10-10150-2167 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	FMM11-A8-W	59.73752	-155.35212	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/20/2011	MINNOW TRAP	W1	22.1	81	81	1
ILIAMNA C-7	FMM11-A8-W	59.73752	-155.35212	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/20/2011	MINNOW TRAP	W4	22.1	67	75	2
ILIAMNA C-7	FMM11-A8-W	59.73752	-155.35212	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/20/2011	MINNOW TRAP	W8	21.8	79	79	1

Table 2. Lower Talarick Creek tributary AWC 324-10-10150-2167-3003 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-B7-W	59.65433	-155.54430	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W1	20	66	74	2
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W10	19.9	62	62	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W5	20	58	58	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W1	20	58	64	2
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W10	19.9	62	86	4
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W2	20.1	72	72	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W8	19.9	58	58	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W9	19.9	58	58	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W2	20.1	146	146	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W1	20	66	84	3
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W10	19.9	66	90	6
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W3	20.1	60	60	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W4	20.1	76	85	4
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W5	20	72	76	2
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W8	19.9	80	80	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W9	19.9	70	92	8
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W1	20	56	56	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W5	20	45	58	2
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W7	20	50	50	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W9	19.9	46	46	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W2	20.1	150	150	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W3	20.1	107	107	1
ILIAMNA C-7	KS11-B7-W	59.65433	-155.54430	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W8	19.9	76	76	1

Table 3. Lower Talarik Creek tributary AWC 324-10-10150-2167-3003-4003 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-B9-W	59.69524	-155.56382	INLINE POND/LAKE	COp	coho salmon	ANADROMOUS	ADULT	10/2/2011	VISUAL OBSERVATION					5
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	COp	coho salmon	ANADROMOUS	ADULT	10/3/2011	VISUAL OBSERVATION					1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	COr	coho salmon	ANADROMOUS	JUVENILE	10/3/2011	MINNOW TRAP	W2	25.3	85	85	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	COr	coho salmon	ANADROMOUS	JUVENILE	10/3/2011	MINNOW TRAP	W9	26	87	87	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W1	24.9	36	43	4
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W10	26	41	57	8
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	25.3	28	28	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W7	25.8	33	33	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W8	25.9	45	47	2
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W9	26	43	53	5
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	rainbow trout	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W3	25.6	202	230	2
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W1	24.9	28	62	2
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W10	26			4
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	25.3	55	55	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W4	26	71	71	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W5	25.5	37	37	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W6	25.8	41	68	7
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W7	25.8	34	85	27
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W8	25.9	22	33	2
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W9	26	45	67	18
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W1	24.9	23	55	44
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W10	26			144
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	25.3	17	52	20
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W3	25.6			7
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W4	26			7

Table 3. 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-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W5	25.5			32
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W6	25.8			34
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W7	25.8			15
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W8	25.9			106
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE	10/3/2011	MINNOW TRAP	W1	24.9	75	75	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W3	25.6	58	58	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W5	25.5	105	105	1
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W7	25.8	132	221	4
ILIAMNA C-7	KS11-B9-W	59.69524	-155.56382	INLINE POND/LAKE	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W9	26	49	64	29
ILIAMNA C-7	FMM11-B10-W	59.70461	-155.54342	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W1	19.7	54	54	1
ILIAMNA C-7	FMM11-B10-W	59.70461	-155.54342	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W3	19.6	55	55	2
ILIAMNA C-7	FMM11-B10-W	59.70461	-155.54342	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W5	19.6	68	82	2
ILIAMNA C-7	FMM11-B10-W	59.70461	-155.54342	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W6	19.5	65	80	3
ILIAMNA C-7	FMM11-B10-W	59.70461	-155.54342	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/14/2011	MINNOW TRAP	W8	19.4	54	55	2
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W10	23.5	42	53	4
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W5	23.4	56	56	1
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W6	23.4	50	56	2
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W8	23.4	55	59	2
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W9	23.5	47	53	3
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W1	23.4	52	52	1
ILIAMNA C-7	FMM11-JW01-W	59.71376	-155.52018	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/15/2011	MINNOW TRAP	W3	23.4	54	54	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W1	19.1	95	95	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W10	19.1	65	75	3
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W3	19.3	92	93	2
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W6	19.1	53	53	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	COr	coho salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W9	19	64	100	4
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W5	19.2	38	38	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W8	19	30	30	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	rainbow trout	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W3	19.3	148	148	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W3	19.3	78	78	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W8	19	25	25	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W9	19	47	47	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/16/2011	MINNOW TRAP	W1	19.1	145	168	5
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVp	dolly varden	UNKNOWN	ADULT	10/16/2011	MINNOW TRAP	W9	19	118	135	2
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W4	19.3	65	65	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W8	19	52	52	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE	10/16/2011	MINNOW TRAP	W9	19	55	95	16
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W1	19.1	95	155	7
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W2	19.3	67	67	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	DVr	dolly varden	UNKNOWN	JUVENILE/ADULT	10/16/2011	MINNOW TRAP	W9	19	105	105	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W3	19.3	106	106	1
ILIAMNA C-7	KS11-B8-W	59.68309	-155.57057	STREAM	Kr	chinook salmon	ANADROMOUS	JUVENILE	10/16/2011	MINNOW TRAP	W9	19	115	115	1

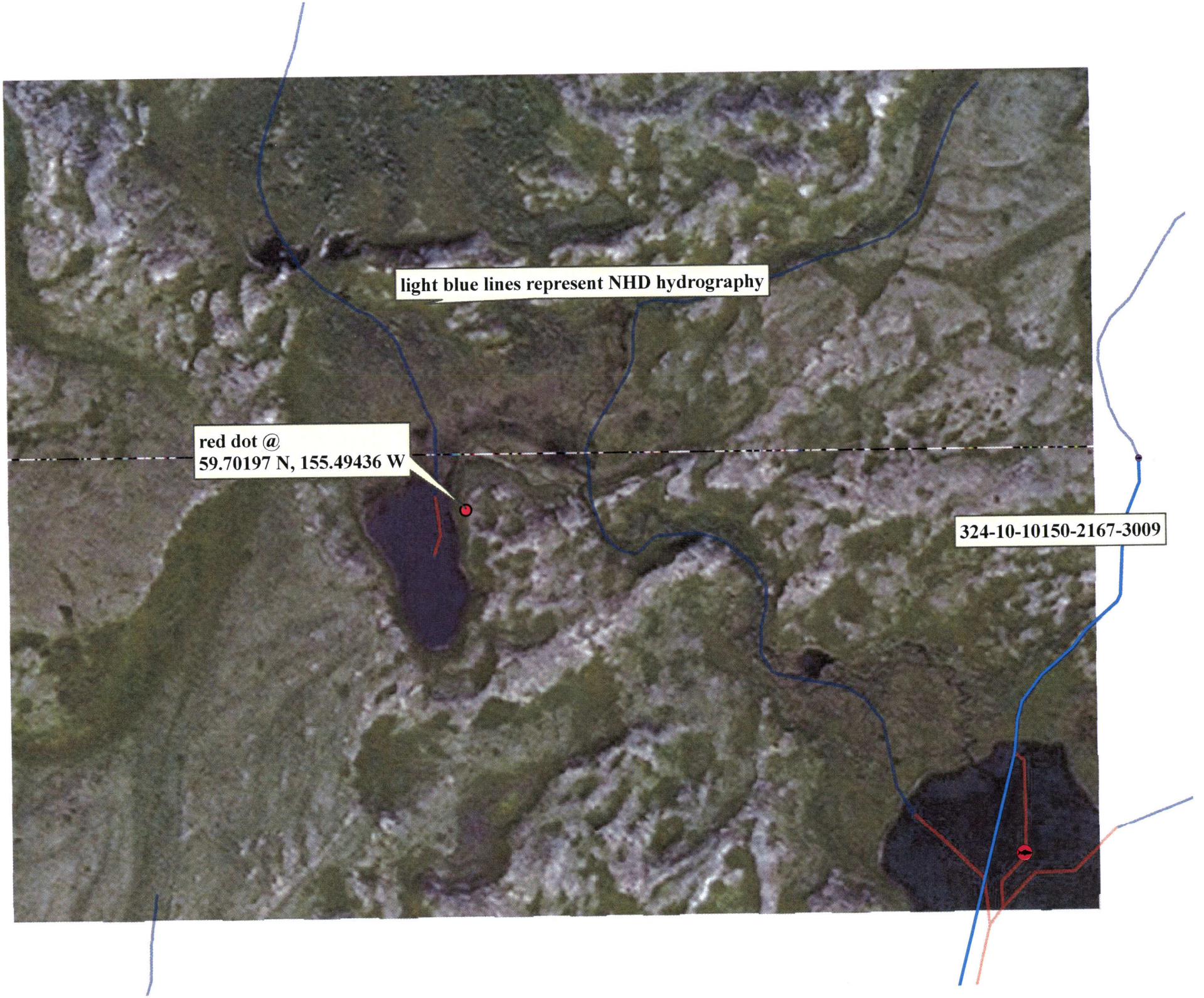
Table 4. Additional fish observations within the study area.[a]

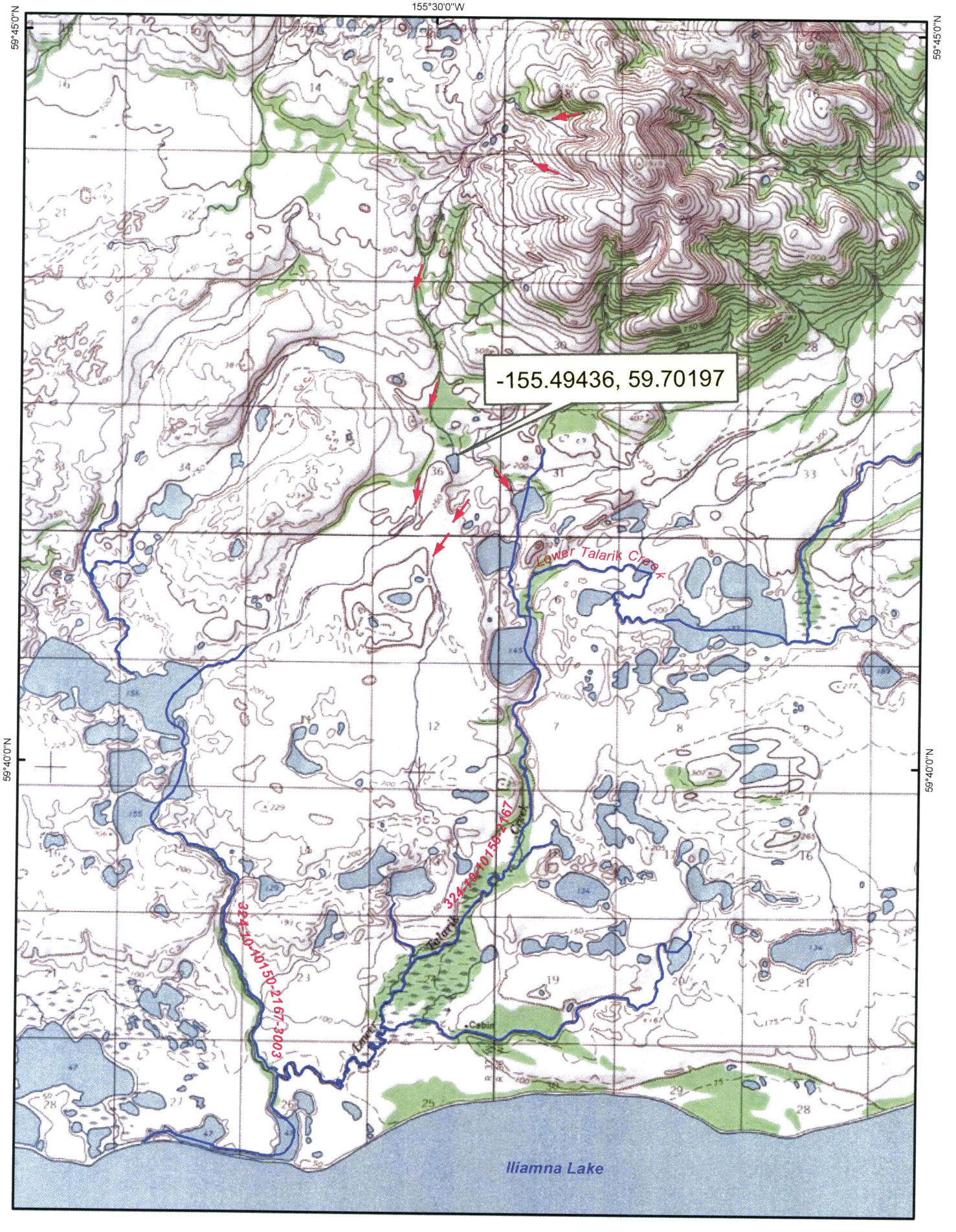
USGS Quad	Site ID	Latitude (WGS84)	Longitude (WGS84)	Waterbody Type	Species Code	Species	Life History	Life Stage	Survey Date	Method	Trap ID	Set Time (hr)	Minimum Fork Length (mm)	Maximum Fork Length (mm)	Total Count
ILIAMNA C-7	FMM11-B10A-W	59.73555	-155.53805	STREAM	cospecies	sculpin-unspecified	RESIDENT	JUVENILE/ADULT	10/13/2011	MINNOW TRAP	W9	20.7	73	73	1

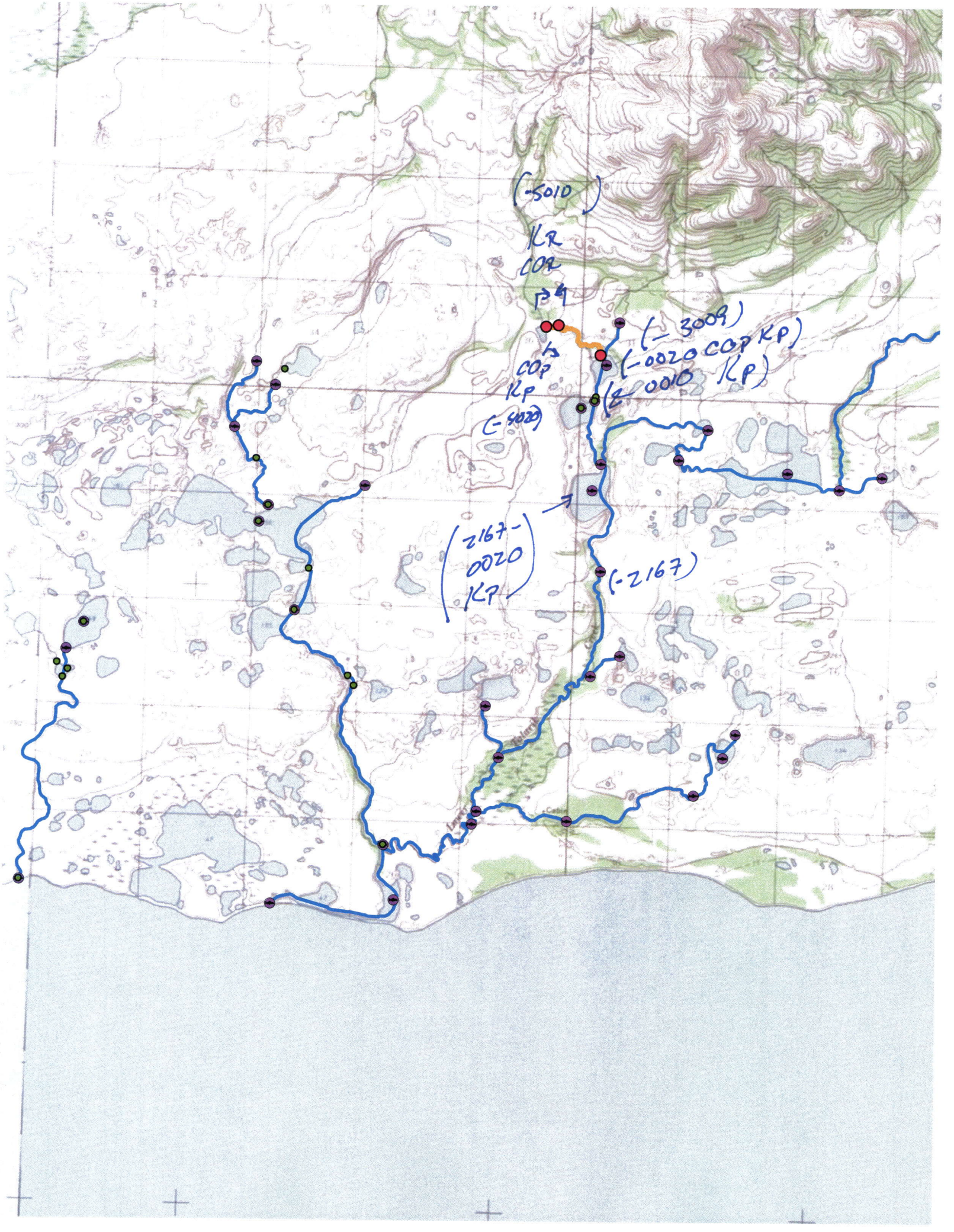
[a]See map for site location.

Table 5. Lower Talarik Creek tributary AWC 324-10-10150-2167-3009 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	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	COr	coho salmon	ANADROMOUS	JUVENILE	10/3/2011	MINNOW TRAP	W3	25.6	90	90	1
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	COr	coho salmon	ANADROMOUS	JUVENILE	10/3/2011	MINNOW TRAP	W4	25.6	11	121	4
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	COr	coho salmon	ANADROMOUS	JUVENILE	10/3/2011	MINNOW TRAP	W7	25.9	100	105	2
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	ninespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	25.6	47	47	1
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W2	25.6	36	58	15
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W3	25.6	42	63	21
ILIAMNA C-7	FMM11-JW02-W2	59.69281	-155.48066	INLINE POND/LAKE	cospecies	threespine-stickleback	UNKNOWN	JUVENILE/ADULT	10/3/2011	MINNOW TRAP	W4	25.6	32	54	29


light blue lines represent NHD hydrography
red dot @
59.70197 N, 155.49436 W
324-10-10150-2167-3009


155°30'0"W
59°45'0"N
59°45'0"N
59°40'0"N
59°40'0"N
-155.49436, 59.70197
Lower Talarik Creek
324-10-10150-2167
324-10-10150-2167-3003
Lower Talarik Creek
Cabin
Iliamna Lake


(-5010)
KR
COR
(-3008)
(-0020 COP KP)
(-0010 KP)
COP
KP
(-4020)
(2167-
0020
KP)
(-2167)

Johnson, J D (DFG)

From: Jude Simon [jsimon@r2usa.com]
Sent: Tuesday, June 19, 2012 6:11 PM
To: Johnson, J D (DFG)
Cc: 'MaryLou Keefe'
Subject: RE: 324-10-10150-2167-3009--xxxx-xxxx @ 59.70197 N, 155.49436 W
Attachments: Map_AWC_3009-xxxx-xxxx_061812.pdf; IMGP0394.JPG

Hi, J.

Unfortunately, we do not have better imagery than what you provided. However, we have the attached topo map with possible routes of flow indicated. Also, I went to our database to see what other information we have that might be useful, & I've summarized the key points below. A photo of the stream channel just below the lake outlet is also attached.

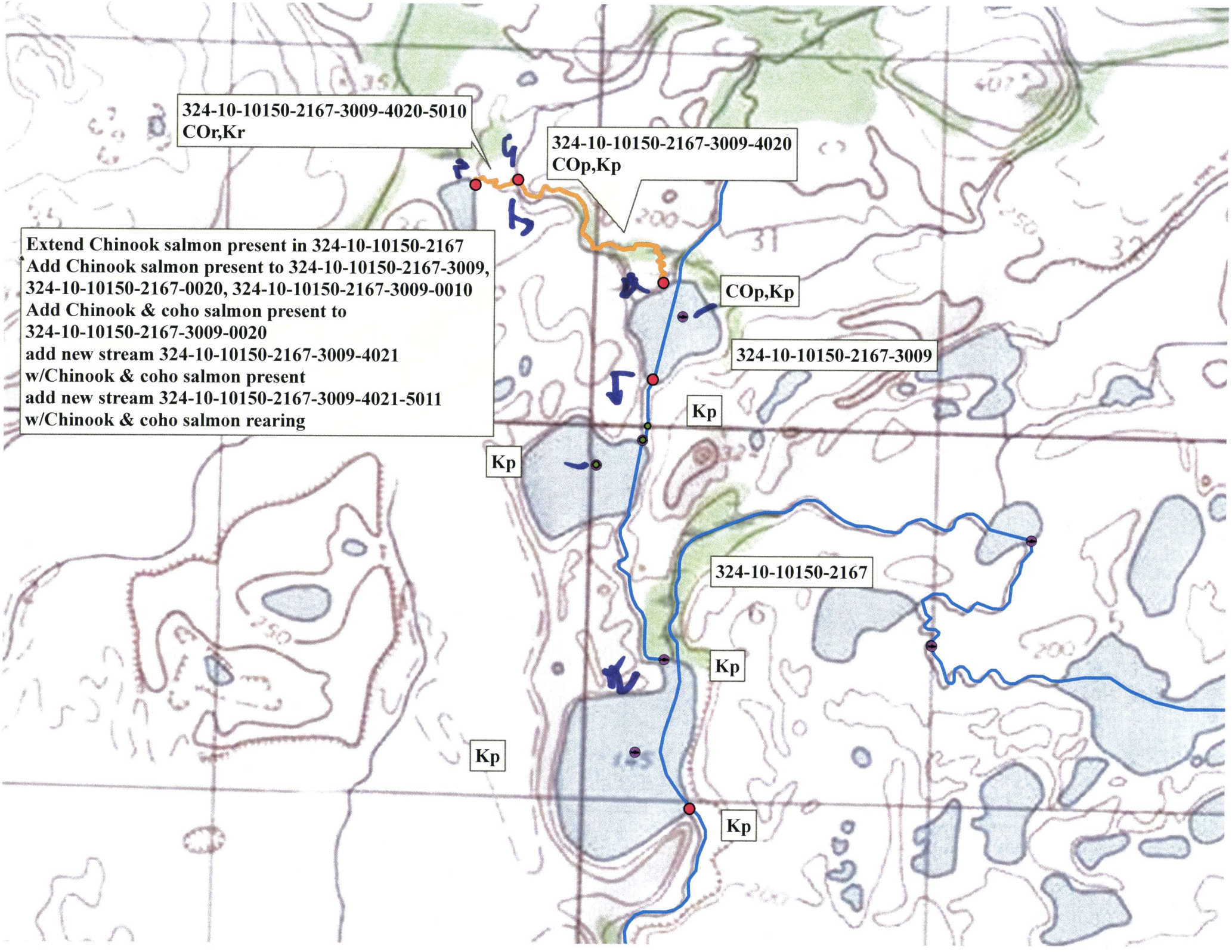
Site	FMM11-JW02-W1
Location (WGS84)	-155.49436, 59.70197
Description	Lake/pond & stream channel/lake outlet
Drainage	Lower Talarik Creek
Length of Habitat Surveyed	~180 m of stream channel in addition to the estimated pond length of ~450 m
Stream Habitat Types	mostly glide with a few short riffles & pools

I hope this helps, & let me know if there is anything else you need.

Best regards,
Jude

From: Johnson, J D (DFG) [mailto:j.johnson@alaska.gov]
Sent: Wednesday, June 06, 2012 12:35 PM
To: jsimon@r2usa.com
Subject: 324-10-10150-2167-3009--xxxx-xxxx @ 59.70197 N, 155.49436 W

Jude
Do have imagery for this area or tracking to the sampling site?
I've attached best view dept has which doesn't show an obvious stream to red dot
J


324-10-10150-2167-3009-4020-5010
COr,Kr
324-10-10150-2167-3009-4020
COp,Kp
Extend Chinook salmon present in 324-10-10150-2167
Add Chinook salmon present to 324-10-10150-2167-3009,
324-10-10150-2167-0020, 324-10-10150-2167-3009-0010
Add Chinook & coho salmon present to
324-10-10150-2167-3009-0020
add new stream 324-10-10150-2167-3009-4021
w/Chinook & coho salmon present
add new stream 324-10-10150-2167-3009-4021-5011
w/Chinook & coho salmon rearing
COp,Kp
324-10-10150-2167-3009
Kp
Kp
324-10-10150-2167
Kp
Kp
Kp