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

Nomination Form
Anadromous Waters Catalog

Region: Southwestern

USGS Quad(s): Iliamna D-6

Anadromous Waters Catalog Number of Waterway: 324-10-10150-2183-3058

Name of Waterway:

USGS Name ☐ Local Name

☒ Addition ☐ Deletion ☐ Correction ☒ Backup Information

For Office Use

Nomination #	100614	Fisheries Scientist	7/14/10 Date
Revision Year:	2011	Habitat Operations Manager	7/14/10 Date
Revision to:	Atlas ____ Catalog ____ Both X	AWC Project Biologist	29 Jun 10 Date
Revision Code:	B-1	Cartographer	8/24/10 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	8/24/05; 9/5/07; 7/23/08-7/24/08		Y		x
Sockeye Salmon	7/23/08		Y		x
Chinook Salmon	8/24/05; 7/23/08		Y		x

Add Sockeye Salmon and Chinook Salmon Remote Stream

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: Coho, Chinook and sockeye salmon juveniles were documented by HDR (2005, 2007) and by R2 (2008) during electrofishing and snorkeling surveys; Arctic grayling, Dolly Varden and sculpin were also collected. Coho were found in glide and riffle habitats up to ~2.84 RvKm. A total of 14 Chinook salmon were found in the lower ~730m of the stream. Thirteen sockeye salmon were found in riffle and glide habitats within the lower ~320m of the stream. This nomination provides back-up information for COr, which is already listed for this stream; adds Chinook (Kr) and sockeye (Sr) salmon to the catalogued stream; and extends the extent of anadromy of the stream with COr. See Table 5a, the attached map, and GIS shapefile for site-specific location information and fish observations.

R2 observer(s): B. VanWinkle, D. VanHees, and D. Kucipek.

Name of Observer (please print): HDR, R2; Prepared by Betsy McGregor

Signature:

Date: 4/12/2010

Agency: R2 Resource Consultants, Inc.

Address: 2600 Cordova St, Ste 211
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

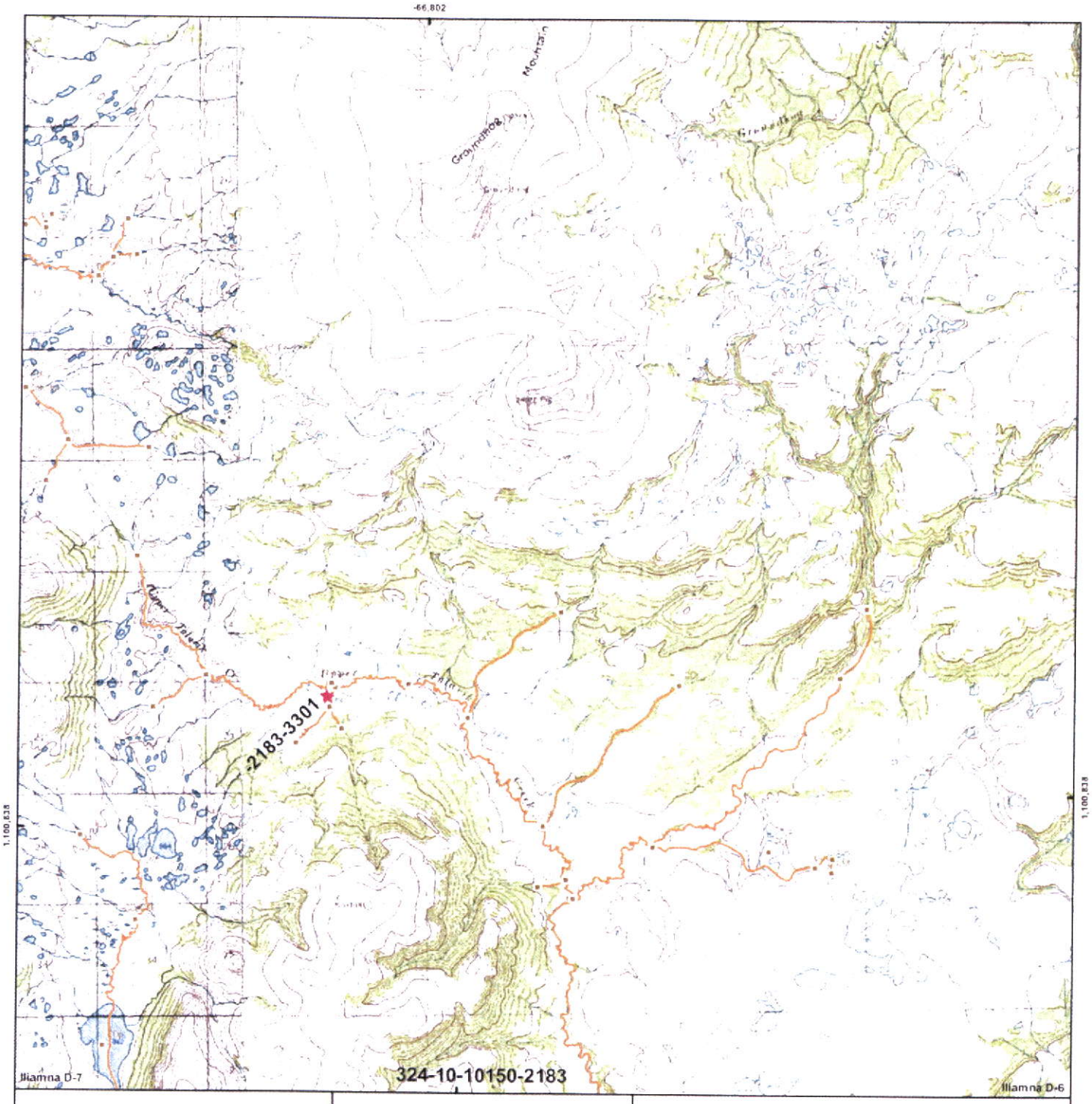
02/08

Table 5a. UT 1.380 (AWC Number 324-10-10150-2183-3058) fish observations per visit

		Start GPS coordinates (WGS84)						Fork Length (mm)				
SiteID	Method	Latitude	Longitude	Date	Life History	Species	Life Stage	Minimum	Maximum	Average	Count Measured	Total Count
UTC1.380-002	snorkel	59.90617	-155.19416	7/23/08	Anadromous	coho salmon	Juvenile					11
UTC1.380-001	snorkel	59.90624	-155.19446	7/23/08	Anadromous	coho salmon	Juvenile					106
UTC1.380-001	snorkel	59.90624	-155.19446	7/23/08	Resident	sculpin-unspecified	Juvenile					2
UTC1.380-007	snorkel	59.90686	-155.19412	7/23/08	Anadromous	coho salmon	Juvenile					143
UTC1.380-007	snorkel	59.90686	-155.19412	7/23/08	Resident	sculpin-unspecified	Juvenile					1
UTC1.380-007	snorkel	59.90686	-155.19412	7/23/08	Anadromous	sockeye salmon	Juvenile					6
UTC1.380-008	snorkel	59.90697	-155.19364	7/23/08	Anadromous	coho salmon	Juvenile					216
UTC1.380-008	snorkel	59.90697	-155.19364	7/23/08	Resident	sculpin-unspecified	Juvenile/Adult					1
UTC1.380-008	snorkel	59.90697	-155.19364	7/23/08	Anadromous	sockeye salmon	Juvenile					3
UTC1.380-014	snorkel	59.90724	-155.19241	7/23/08	Anadromous	coho salmon	Juvenile					185
UTC1.380-014	snorkel	59.90724	-155.19241	7/23/08	Resident	sculpin-unspecified	Juvenile					4
UTC1.380-014	snorkel	59.90724	-155.19241	7/23/08	Anadromous	sockeye salmon	Juvenile					3
UTC1.380-017	snorkel	59.90816	-155.19225	7/23/08	Anadromous	coho salmon	Juvenile					76
UTC1.380-019	snorkel	59.90839	-155.19242	7/23/08	Anadromous	coho salmon	Juvenile					81
UTC1.380-019	snorkel	59.90839	-155.19242	7/23/08	Anadromous	sockeye salmon	Juvenile					1
UTC1.380-020	snorkel	59.90846	-155.19241	7/23/08	Anadromous	coho salmon	Juvenile					39
UT138A	electrofish	59.90870	-155.19117	8/24/05	Resident	Arctic grayling	Juvenile	69	69	1	69	1
UT138A	electrofish	59.90870	-155.19117	8/24/05	Anadromous	Chinook salmon	Juvenile	61	80	13	73	13
UT138A	electrofish	59.90870	-155.19117	8/24/05	Anadromous	coho salmon	Juvenile	44	64	25	55	25
UT138A	electrofish	59.90870	-155.19117	8/24/05	Unknown	rainbow trout	Juvenile	42	42	1	42	1
UT138A	electrofish	59.90870	-155.19117	8/24/05	Unknown	rainbow trout	Juvenile/Adult	192	192	1	192	1
UTC1.380-025	snorkel	59.90868	-155.19114	7/23/08	Anadromous	coho salmon	Juvenile					82
UTC1.380-025	snorkel	59.90868	-155.19114	7/23/08	Resident	sculpin-unspecified	Adult					1
UT138-1	electrofish	59.90882	-155.19127	9/5/07	Anadromous	coho salmon	Juvenile	45	90	52	58	52
UT138-1	electrofish	59.90882	-155.19127	9/5/07	Resident	sculpin-unspecified	Adult	82	82	1	82	1
UTC1.380-026	snorkel	59.90883	-155.19128	7/23/08	Anadromous	coho salmon	Juvenile					53
UTC1.380-033	snorkel	59.91071	-155.19121	7/23/08	Anadromous	Chinook salmon	Juvenile					1
UTC1.380-033	snorkel	59.91071	-155.19121	7/23/08	Anadromous	coho salmon	Juvenile					38
UTC1.380-033	snorkel	59.91071	-155.19121	7/23/08	Resident	sculpin-unspecified	Juvenile/Adult					1
UTC1.380-036	snorkel	59.91188	-155.18875	7/23/08	Anadromous	coho salmon	Juvenile					20
UTC1.380-038	snorkel	59.91354	-155.18326	7/24/08	Anadromous	coho salmon	Juvenile					10
UTC1.380-038	snorkel	59.91354	-155.18326	7/24/08	Resident	sculpin-unspecified	Adult					8
UTC1.380-038	snorkel	59.91354	-155.18326	7/24/08	Resident	sculpin-unspecified	Juvenile					5
UTC1.380-043	snorkel	59.91397	-155.18271	7/24/08	Anadromous	coho salmon	Juvenile					205
UTC1.380-044	snorkel	59.91391	-155.18252	7/24/08	Anadromous	coho salmon	Juvenile					60
UTC1.380-044	snorkel	59.91391	-155.18252	7/24/08	Unknown	Dolly Varden	Juvenile					2
UTC1.380-044	snorkel	59.91391	-155.18252	7/24/08	Resident	sculpin-unspecified	Adult					1
UT138-2	electrofish	59.91529	-155.18026	9/5/07	Anadromous	coho salmon	Juvenile	58	100	12	67	12
UT138-2	electrofish	59.91529	-155.18026	9/5/07	Unknown	Dolly Varden	Juvenile	43	84	2	64	2
UT138-2	electrofish	59.91529	-155.18026	9/5/07	Resident	sculpin-unspecified	Adult	81	81	1	81	1
UT138-2	electrofish	59.91529	-155.18026	9/5/07	Resident	sculpin-unspecified	Juvenile	33	33	1	33	1
UTC1.380-052	snorkel	59.91617	-155.17746	7/24/08	Anadromous	coho salmon	Juvenile					8
UTC1.380-052	snorkel	59.91617	-155.17746	7/24/08	Resident	sculpin-unspecified	Adult					1
UTC1.380-054	snorkel	59.91640	-155.17614	7/24/08	Anadromous	coho salmon	Juvenile					9
UTC1.380-059	snorkel	59.91732	-155.17342	7/24/08	Anadromous	coho salmon	Juvenile					16
UTC1.380-068	snorkel	59.91829	-155.17082	7/24/08	Anadromous	coho salmon	Juvenile					13
UTC1.380-068	snorkel	59.91829	-155.17082	7/24/08	Resident	sculpin-unspecified	Adult					3

Table 5a. UT 1.380 (AWC Number 324-10-10150-2183-3058) fish observations per visit

		Start GPS coordinates (WGS84)						Fork Length (mm)				
SiteID	Method	Latitude	Longitude	Date	Life History	Species	Life Stage	Minimum	Maximum	Average	Count Measured	Total Count
UTC1.380-068	snorkel	59.91829	-155.17082	7/24/08	Resident	sculpin-unspecified	Juvenile					4
UTC1.380-071	snorkel	59.91835	-155.16930	7/24/08	Anadromous	coho salmon	Juvenile					3
UTC1.380-073	snorkel	59.91847	-155.16863	7/24/08	Anadromous	coho salmon	Juvenile					2
UTC1.380-073	snorkel	59.91847	-155.16863	7/24/08	Resident	sculpin-unspecified	Adult					10
UTC1.380-075	snorkel	59.91901	-155.16655	7/24/08	Anadromous	coho salmon	Juvenile					1
UTC1.380-075	snorkel	59.91901	-155.16655	7/24/08	Unknown	Dolly Varden	Juvenile					9



Miles
0 0.2 0.4 0.6 0.8

Kilometers
0 0.4 0.8 1.2 1.6

Scale 1:80,557

Alaska Albers
1983 North American Datum

N

Proposed AWC Species Update

★ CHp nomination/extend distribution
• Current AWC Species Distribution
— Current AWC Stream

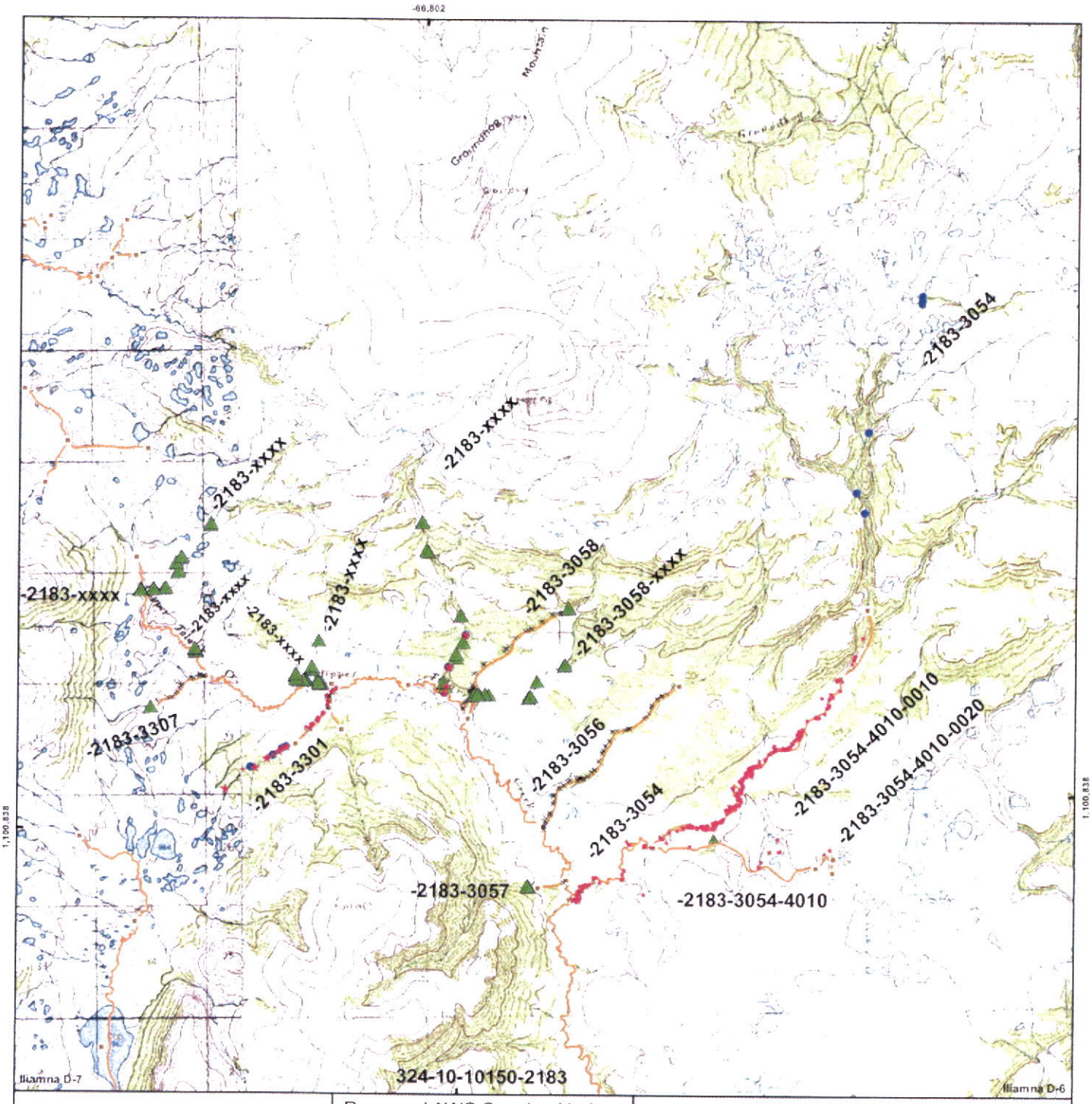
Upper Talarik Creek Tributary

AWC 324-10-10150-2183-3301

UT1.410

Chum Salmon

File: UT_UpperTribs_CH.mxd	Date: April 8, 2010
Version 2	Author: BMcGregor



Miles
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Kilometers
0 0.4 0.8 1.2 1.6
Scale 1:80,557
Alaska Albers
1983 North American Datum

N

Proposed AWC Species Update

- COs nomination/extend AWC
- COs nomination
- COr nomination/extend AWC
- COr nomination
- COp nomination/extend AWC
- COs within current AWC
- COr within current AWC
- COp within current AWC
- Current AWC Species Distribution
- Current AWC Stream

Upper Talarik Creek

AWC 324-10-10150-2183

Tributaries

UT1.350, UT1.360, UT1.370, UT1.380, UT1.390, UT1.410, UT1.420, UT1.430, UT1.460, UT1.470, UT1.490, and UT1.500

Coho Salmon

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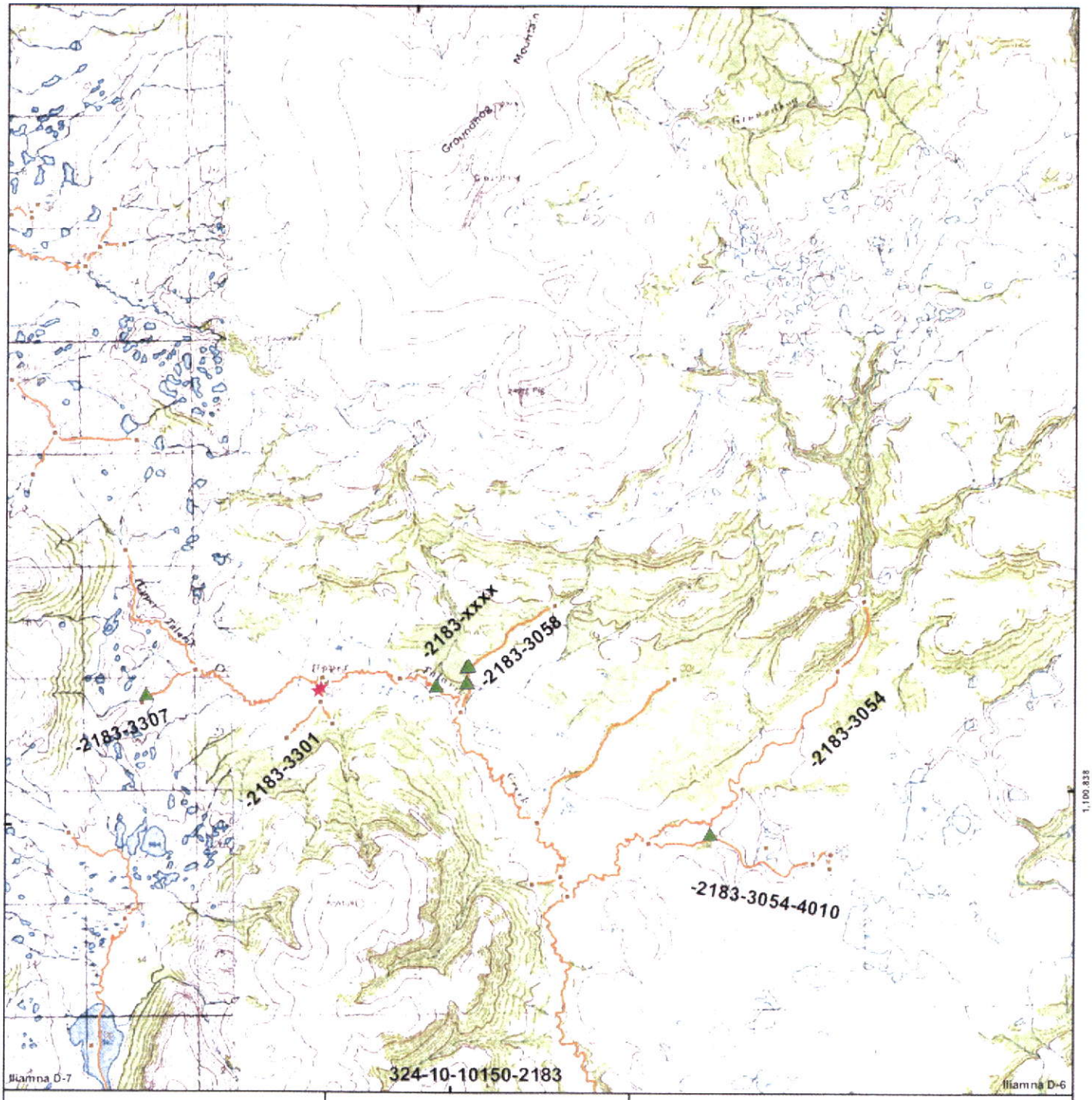
	Version 2	Author: BMcGregor



Miles
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Kilometers
0 0.4 0.8 1.2 1.6

Scale 1:80,557

Alaska Albers
1983 North American Datum

N

Proposed AWC Species Update

- ★ Ks nomination/extend distribution
- ▲ Kr nomination/extend distribution
- ▪ Current AWC Species Distribution
- — Current AWC Stream

Upper Talarik Creek

AWC 324-10-10150-2183

Tributaries

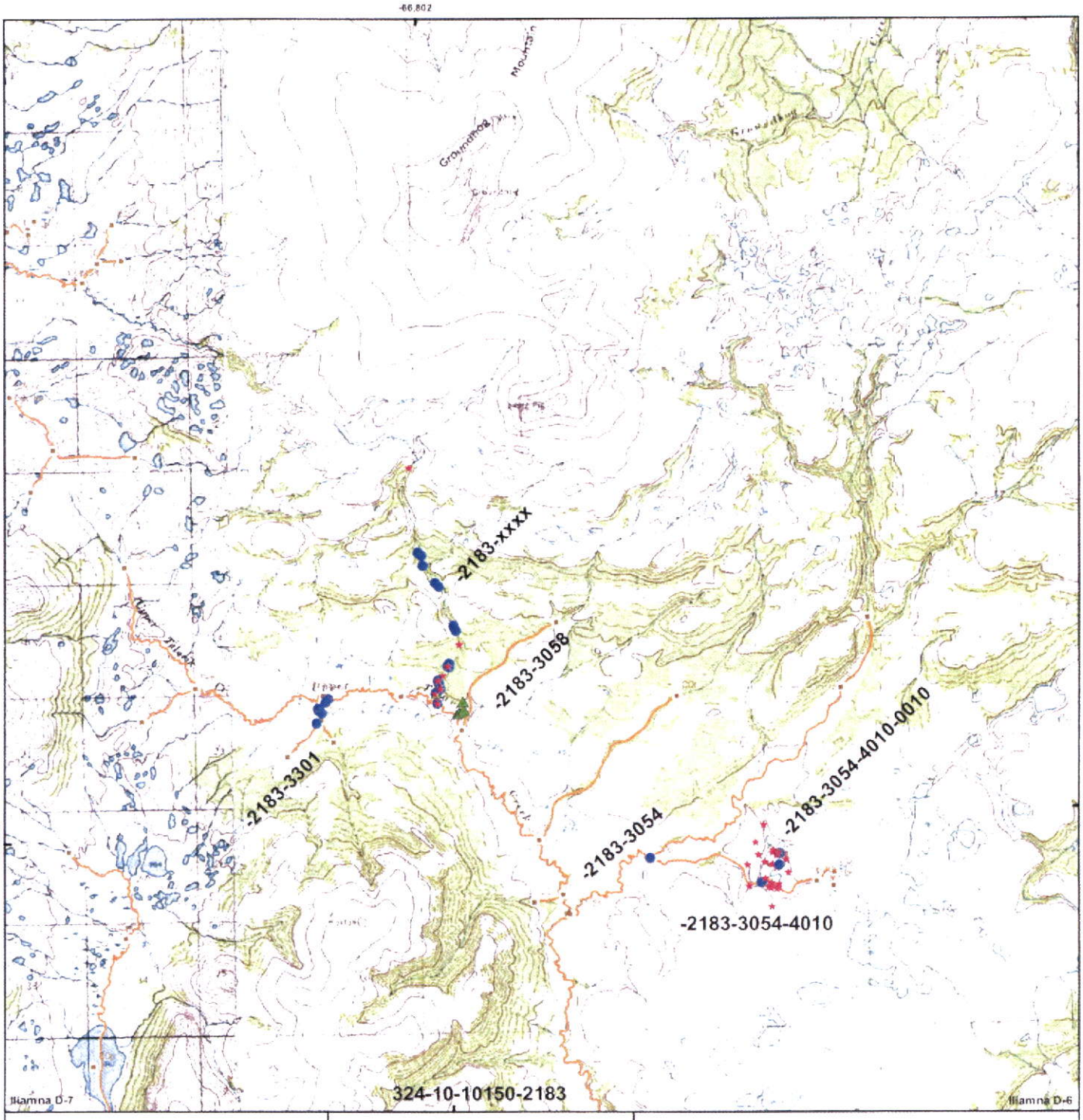
UT1.350.20, UT1.380, UT1.390, UT1.410, and UT1.460

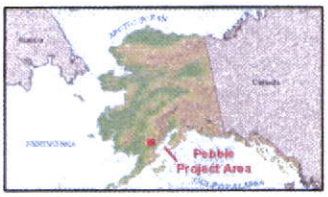
Chinook Salmon

SPECIES CODES
CH - Chinook salmon
CO - Coho salmon
K - Unknown salmon
P - Pink salmon
S - Sockeye salmon

LIFESTAGE CODES
M - Migration
S - Spawn
R - Rearing
O - Spawning

	File: UT_UpperTribs_K.mxd	Date: April 8, 2010
	Version 2	Author: BMcGregor





Miles
0 0.2 0.4 0.6 0.8
Kilometers
0 0.4 0.8 1.2 1.6
Scale 1:80,557
Alaska Albers
1983 North American Datum

Proposed AWC Species Update

- Ss nomination/extend distribution
- Sr nomination/extend distribution
- Sp nomination/extend distribution
- Ss within current AWC
- Sp within current AWC
- Current AWC Species Distribution
- Current AWC Stream

Upper Talarik Creek

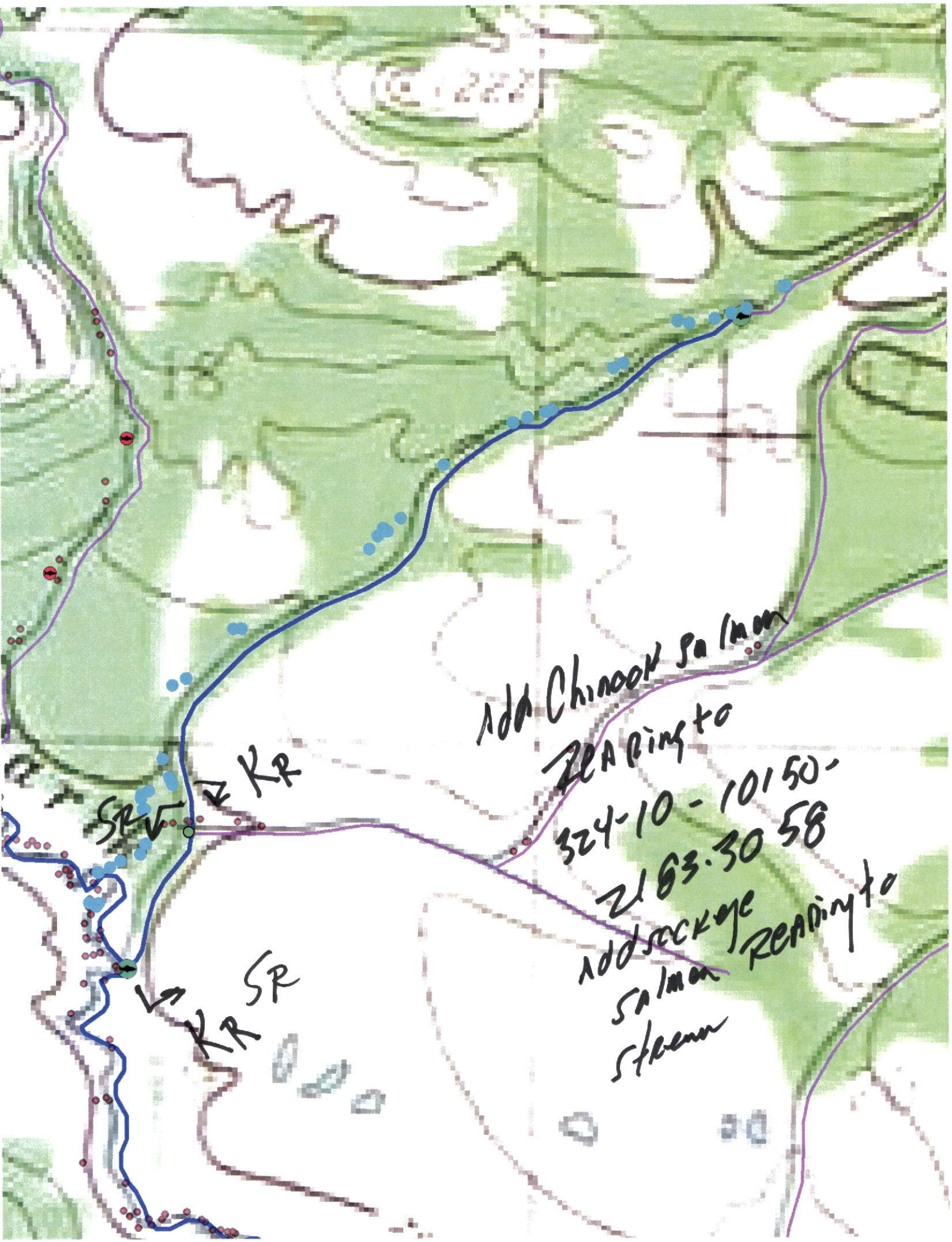
AWC 324-10-10150-2183

Tributaries

UT1.350, UT1.350.20, UT1.380, UT1.390, and UT1.410

Sockeye Salmon

	File: UT_UpperTribs_S.mxd	Date: April 8, 2010
	Version 2	Author: BMcGregor


Add Chinook Salmon
REA Ping to
324-10-10150-
2163.3058
Add sockeye
salmon
REA Ping to
stream
KR
SR
KR
SR