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, Iliamna D-7~~, Iliamna C-7

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

Name of Waterway: Upper Talarik Creek

[x] USGS Name [ ] Local Name

[x] Addition [ ] Deletion [ ] Correction [x] Backup Information

For Office Use

Nomination #	11-138	Fisheries Scientist	6/13/11 Date
Revision Year:	2012	Habitat Operations Manager	6/13/11 Date
Revision to:	Atlas ____ Catalog ____ Both x	AWC Project Biologist	2/28/11 Date
Revision Code:	B-2	Cartographer	9/27/11 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	9/21/07, 9/10/08, 7/12/10 - 9/28/10	Y	Y	Y	x
Chinook Salmon	9/10/08, 7/12/10, 7/13/10		Y		x

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: R2 conducted snorkel surveys and stream surveys to collect redd data in September 2008, July 2010 and September 2010 at a total of 60 sites between 59.72757 / -155.29818 (RKm 15.75) and 59.90957 / -155.23535 (RKm 55.28) and observed 1,460 juvenile coho salmon, 23 adult coho, 39 spawning coho, 93 juvenile Chinook salmon, 3 Arctic grayling, 10 Dolly Varden, 28 rainbow trout and 6 sculpin. These observations provide backup information for the 2010 AWC and nomination 10-589 distribution of COprs and Kr. During electrofishing surveys conducted by HDR on 9/21/07 at 59.9283 / -155.2826 (RKm 61.69), 9 juvenile coho salmon, 33 sculpin and 1 Dolly Varden were captured or observed. The 2007 observations provide data to extend anadromy in the stream with COr. See Table 1, the attached maps, and GIS shapefile for site-specific location information and fish observations. ref 11-139

Extend Chinook salmon rearing

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

Signature:

Date: 1/24/11

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: _____

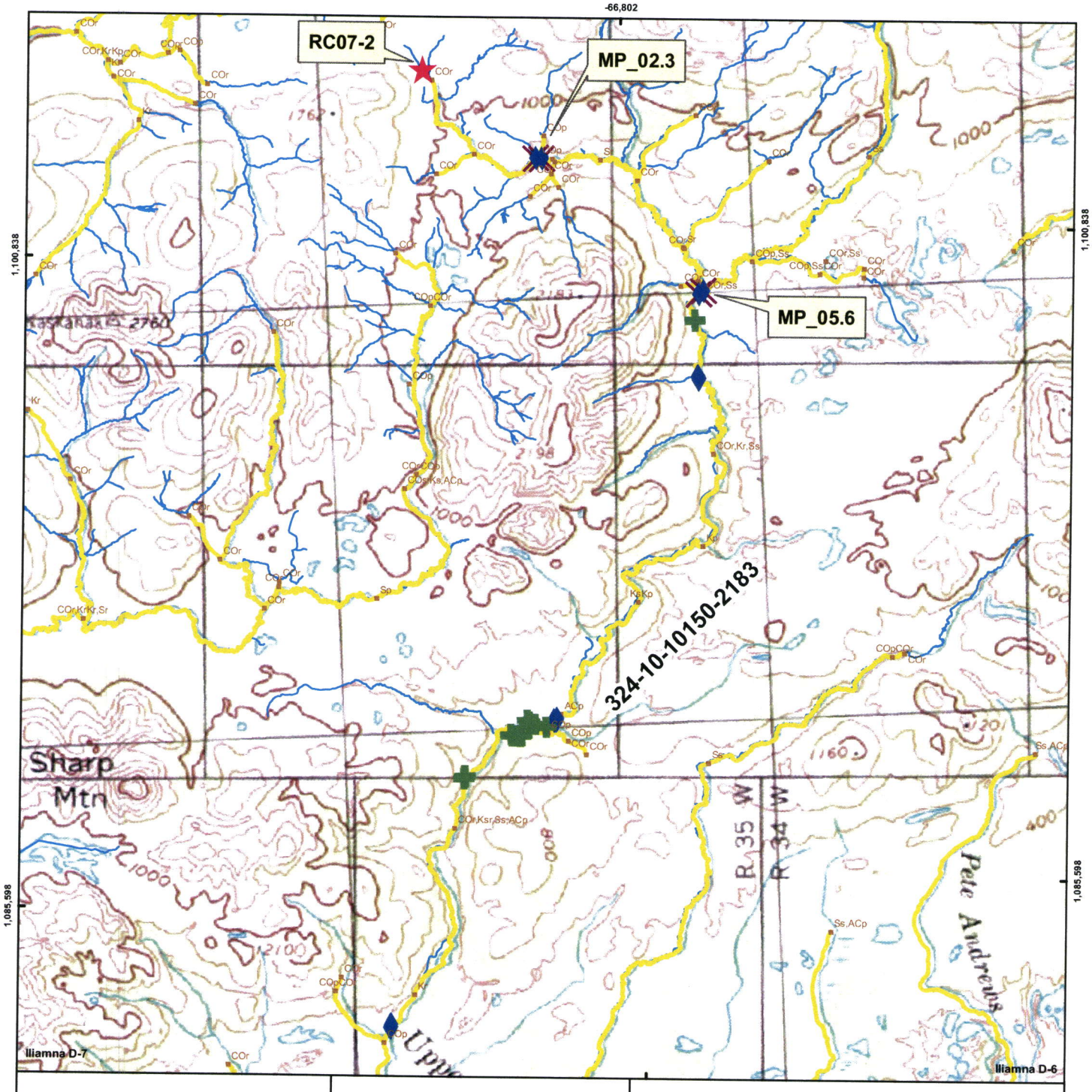
02/08 Revision

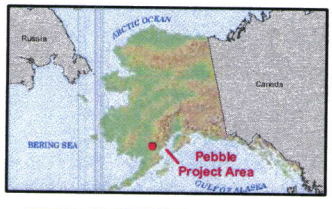
Table 1. UT 1.0 (AWC Number 324-10-10150-2183) fish observations per visit

SiteID	RKm	Method	GPS coordinates at upstream end of sample reach (WGS84) Latitude	Longitude	Date	Life History	Species	Life Stage	Fork Length (mm) Minimum	Maximum	Average	Count Measured	Total Count
10-UTB-RF1-wpt-33	15.75	snorkel	59.72757	-155.29818	7/12/10	Anadromous	Chinook salmon	Juvenile	80	80	80	1	1
10-UTB-RF1-wpt-34	15.75	snorkel	59.72764	-155.29812	7/12/10	Anadromous	Chinook salmon	Juvenile	80	80	80	2	2
10-UTB-RF1-wpt-27	15.75	snorkel	59.72757	-155.29774	7/12/10	Anadromous	coho salmon	Juvenile	45	60	55	12	12
10-UTB-RF1-wpt-33	15.75	snorkel	59.72757	-155.29818	7/12/10	Anadromous	coho salmon	Juvenile	50	50	50	2	2
10-UTB-RF1-wpt-34	15.75	snorkel	59.72764	-155.29812	7/12/10	Anadromous	coho salmon	Juvenile	40	50	42.5	20	20
10-UTB-RF1-wpt-34	15.75	snorkel	59.72764	-155.29812	7/12/10	Unknown	rainbow trout	Juvenile	90	150	120	4	4
10-UTB-RF1-wpt-29	15.76	snorkel	59.72768	-155.29771	7/12/10	Anadromous	Chinook salmon	Juvenile	100	100	100	1	1
10-UTB-RF1-wpt-28	15.76	snorkel	59.72767	-155.29766	7/12/10	Anadromous	coho salmon	Juvenile	50	85	65	7	7
10-UTB-RF1-wpt-29	15.76	snorkel	59.72768	-155.29771	7/12/10	Anadromous	coho salmon	Juvenile	95	95	95	3	3
10-UTB-RF1-wpt-29	15.76	snorkel	59.72768	-155.29771	7/12/10	Unknown	rainbow trout	Juvenile	75	200	106.3	4	4
10-UTB-RF1-wpt-31	15.77	snorkel	59.72772	-155.29762	7/12/10	Anadromous	Chinook salmon	Juvenile	110	110	110	1	1
10-UTB-RF1-wpt-36	15.77	snorkel	59.72775	-155.29814	7/12/10	Anadromous	Chinook salmon	Juvenile	80	80	80	3	3
10-UTB-RF1-wpt-30	15.77	snorkel	59.72771	-155.29763	7/12/10	Anadromous	coho salmon	Juvenile	55	55	55	3	3
10-UTB-RF1-wpt-31	15.77	snorkel	59.72772	-155.29762	7/12/10	Anadromous	coho salmon	Juvenile	45	65	57	5	5
10-UTB-RF1-wpt-36	15.77	snorkel	59.72775	-155.29814	7/12/10	Anadromous	coho salmon	Juvenile	40	40	40	8	8
10-UTB-RF1-wpt-31	15.77	snorkel	59.72772	-155.29762	7/12/10	Unknown	rainbow trout	Juvenile	90	90	90	2	2
10-UTB-RF1-wpt-35	15.77	snorkel	59.72778	-155.29814	7/12/10	Unknown	rainbow trout	Juvenile	60	60	60	1	1
10-UTB-RF1-wpt-36	15.77	snorkel	59.72775	-155.29814	7/12/10	Unknown	rainbow trout	Juvenile	110	110	110	1	1
10-UTB-RF1-wpt-37	15.79	snorkel	59.72795	-155.2979	7/12/10	Anadromous	Chinook salmon	Juvenile	70	70	70	2	2
10-UTB-RF1-wpt-37	15.79	snorkel	59.72795	-155.2979	7/12/10	Anadromous	coho salmon	Juvenile	50	100	59.1	11	11
10-UTB-RF1-wpt-38	15.8	snorkel	59.72809	-155.29796	7/12/10	Anadromous	coho salmon	Juvenile	50	90	57.2	50	50
10-UTB-RF1-wpt-38	15.8	snorkel	59.72809	-155.29796	7/12/10	Unknown	Dolly Varden	Juvenile	110	110	110	1	1
10-UTB-RF1-wpt-38	15.8	snorkel	59.72809	-155.29796	7/12/10	Unknown	rainbow trout	Juvenile	120	120	120	1	1
10-UTB-RF1-wpt-39	15.84	snorkel	59.72833	-155.29757	7/12/10	Anadromous	coho salmon	Juvenile	40	70	50	21	21
10-UTB-RF1-wpt-39	15.84	snorkel	59.72833	-155.29757	7/12/10	Unknown	rainbow trout	Juvenile	60	60	60	2	2
CS-UTC-002	23.1	stream survey on foot	59.77981	-155.26676	9/23/10	Anadromous	coho salmon	Adult					2
CS-UTC-003	23.14	stream survey on foot	59.78017	-155.26645	9/23/10	Anadromous	coho salmon	Adult					3
CS-UTC-001	23.16	stream survey on foot	59.78031	-155.26633	9/23/10	Anadromous	coho salmon	Adult					2
CS-UTC-011	25.53	stream survey on foot	59.78892	-155.24720	9/24/10	Anadromous	coho salmon	Adult					1
CS-UTC-012	25.56	stream survey on foot	59.78869	-155.24670	9/24/10	Anadromous	coho salmon	Adult					2
CS-UTC-010	25.62	stream survey on foot	59.78860	-155.24565	9/24/10	Anadromous	coho salmon	Adult					2
CS-UTC-009	25.68	stream survey on foot	59.78861	-155.24419	9/24/10	Anadromous	coho salmon	Adult					3
CS-UTC-004	25.78	stream survey on foot	59.78854	-155.24331	9/24/10	Anadromous	coho salmon	Adult					2
CS-UTC-005	25.78	stream survey on foot	59.78851	-155.24336	9/24/10	Anadromous	coho salmon	Adult					1
CS-UTC-006	25.78	stream survey on foot	59.78851	-155.24336	9/24/10	Anadromous	coho salmon	Adult					1
CS-UTC-007	25.84	stream survey on foot	59.78873	-155.24275	9/24/10	Anadromous	coho salmon	Adult					2
CS-UTC-008	25.85	stream survey on foot	59.78881	-155.24282	9/24/10	Anadromous	coho salmon	Adult					4
CS-UTC-015	26.37	stream survey on foot	59.79186	-155.24028	9/28/10	Anadromous	coho salmon	Adult					4
CS-UTC-016	26.45	stream survey on foot	59.79154	-155.23920	9/28/10	Anadromous	coho salmon	Adult					2
CS-UTC-017	26.59	stream survey on foot	59.79104	-155.23689	9/28/10	Anadromous	coho salmon	Adult					2
CS-UTC-018	26.88	stream survey on foot	59.79042	-155.23250	9/28/10	Anadromous	coho salmon	Adult					2
10-UTD-RN1-wpt-40	27.18	snorkel	59.79166	-155.22921	7/13/10	Anadromous	coho salmon	Juvenile	40	70	45.6	16	16
10-UTD-RN1-wpt-42	27.19	snorkel	59.79164	-155.229	7/13/10	Anadromous	Chinook salmon	Juvenile	75	100	87.5	4	4
10-UTD-RN1-wpt-43	27.19	snorkel	59.79177	-155.2292	7/13/10	Anadromous	Chinook salmon	Juvenile	60	100	79	20	20
10-UTD-RN1-wpt-41	27.19	snorkel	59.79181	-155.22914	7/13/10	Anadromous	coho salmon	Juvenile	20	50	32.4	34	34
10-UTD-RN1-wpt-42	27.19	snorkel	59.79164	-155.229	7/13/10	Anadromous	coho salmon	Juvenile	50	50	50	2	2
10-UTD-RN1-wpt-43	27.19	snorkel	59.79177	-155.2292	7/13/10	Anadromous	coho salmon	Juvenile	40	100	50	95	95
10-UTD-RN1-wpt-42	27.19	snorkel	59.79164	-155.229	7/13/10	Unknown	Dolly Varden	Juvenile	75	125	87.5	8	8
10-UTD-RN1-wpt-42	27.19	snorkel	59.79164	-155.229	7/13/10	Unknown	rainbow trout	Juvenile	100	150	110	5	5
10-UTD-RN1-wpt-44	27.21	snorkel	59.79162	-155.22844	7/13/10	Anadromous	Chinook salmon	Juvenile	75	100	84.4	8	8
10-UTD-RN1-wpt-44	27.21	snorkel	59.79162	-155.22844	7/13/10	Anadromous	coho salmon	Juvenile	40	50	45.8	65	65
10-UTD-RN1-wpt-46	27.24	snorkel	59.79169	-155.22814	7/13/10	Anadromous	coho salmon	Juvenile	50	100	63.1	16	16
10-UTD-RN1-wpt-47	27.26	snorkel	59.79187	-155.22773	7/13/10	Anadromous	coho salmon	Juvenile	50	50	50	12	12
10-UTD-RN1-wpt-45	27.27	snorkel	59.79202	-155.22802	7/13/10	Anadromous	coho salmon	Juvenile	40	80	49.1	11	11
10-UTD-RN1-wpt-51	27.28	snorkel	59.7921	-155.22784	7/13/10	Anadromous	Chinook salmon	Juvenile	50	90	76.7	3	3
10-UTD-RN1-wpt-51	27.28	snorkel	59.7921	-155.22784	7/13/10	Anadromous	coho salmon	Juvenile	40	60	48.7	15	15
10-UTD-RN1-wpt-51	27.28	snorkel	59.7921	-155.22784	7/13/10	Unknown	rainbow trout	Juvenile	50	50	50	1	1

Table 1. UT 1.0 (AWC Number 324-10-10150-2183) fish observations per visit

SiteID	RKm	Method	GPS coordinates at upstream end of sample reach (WGS84) Latitude	Longitude	Date	Life History	Species	Life Stage	Fork Length (mm) Minimum	Maximum	Average	Count Measured	Total Count
08-UTC2-MS1-wpt-52	41.6	snorkel	59.86293	-155.16804	7/13/10	Anadromous	coho salmon	Juvenile	50	50	50	3	3
08-UTC2-MS1-wpt-53	41.64	snorkel	59.86328	-155.16752	7/13/10	Anadromous	Chinook salmon	Juvenile	40	60	50	4	4
08-UTC2-MS1-wpt-53	41.64	snorkel	59.86328	-155.16752	7/13/10	Anadromous	coho salmon	Juvenile	45	60	48.3	60	60
08-UTC2-MS1-wpt-57	41.64	snorkel	59.86326	-155.16779	7/13/10	Anadromous	coho salmon	Juvenile	35	60	42.1	14	14
08-UTC2-MS1-wpt-54	41.66	snorkel	59.86338	-155.16771	7/13/10	Anadromous	Chinook salmon	Juvenile	35	80	47.5	4	4
08-UTC2-MS1-wpt-54	41.66	snorkel	59.86338	-155.16771	7/13/10	Anadromous	coho salmon	Juvenile	25	100	44.8	125	125
08-UTC2-MS1-wpt-58	41.66	snorkel	59.86337	-155.16794	7/13/10	Anadromous	coho salmon	Juvenile	30	60	50.9	39	39
08-UTC2-MS1-wpt-59	41.68	snorkel	59.86341	-155.16818	7/13/10	Anadromous	coho salmon	Juvenile	40	55	46.1	59	59
08-UTC2-MS1-wpt-60	41.69	snorkel	59.86354	-155.16833	7/13/10	Anadromous	Chinook salmon	Juvenile	85	90	87.5	2	2
08-UTC2-MS1-wpt-55	41.69	snorkel	59.86369	-155.16805	7/13/10	Anadromous	coho salmon	Juvenile	35	100	46	50	50
08-UTC2-MS1-wpt-60	41.69	snorkel	59.86354	-155.16833	7/13/10	Anadromous	coho salmon	Juvenile	30	55	41.4	101	101
08-UTC2-MS1-wpt-60	41.69	snorkel	59.86354	-155.16833	7/13/10	Unknown	rainbow trout	Juvenile	105	105	105	1	1
08-UTC2-MS1-wpt-61	41.7	snorkel	59.86366	-155.16833	7/13/10	Anadromous	coho salmon	Juvenile	40	40	40	23	23
CS-UTC-013	43.77	stream survey on foot	59.87531	-155.16938	9/27/10	Anadromous	coho salmon	Adult					2
CS-UTC-014	43.8	stream survey on foot	59.87562	-155.16921	9/27/10	Anadromous	coho salmon	Adult					2
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	Chinook salmon	Juvenile					21
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	Chinook salmon	Juvenile					12
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	coho salmon	Adult					18
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	coho salmon	Adult					1
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	coho salmon	Juvenile					71
MP_05.6-02	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	coho salmon	Juvenile					36
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Anadromous	coho salmon	Juvenile					66
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Resident	Arctic grayling	Adult					1
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Resident	Arctic grayling	Adult					1
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Resident	sculpin-unspecified	Adult					1
MP_05.6-01	45.09	snorkel	59.88151	-155.16551	9/10/08	Resident	sculpin-unspecified	Juvenile/Adult					1
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Unknown	Dolly Varden	Juvenile					1
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Unknown	rainbow trout	Adult					2
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Unknown	rainbow trout	Juvenile					2
MP_05.6-03	45.09	snorkel	59.88151	-155.16551	9/10/08	Unknown	rainbow trout	Juvenile/Adult					2
MP_02.3-01	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	Chinook salmon	Juvenile					1
MP_02.3-03	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	Chinook salmon	Juvenile					4
MP_02.3-07	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Adult					4
MP_02.3-01	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					50
MP_02.3-03	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					113
MP_02.3-04	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					49
MP_02.3-05	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					20
MP_02.3-06	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					19
MP_02.3-07	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					35
MP_02.3-08	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					62
MP_02.3-09	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					21
MP_02.3-10	55.28	snorkel	59.90957	-155.23535	9/10/08	Anadromous	coho salmon	Juvenile					27
MP_02.3-03	55.28	snorkel	59.90957	-155.23535	9/10/08	Resident	Arctic grayling	Juvenile/Adult					1
MP_02.3-04	55.28	snorkel	59.90957	-155.23535	9/10/08	Resident	sculpin-unspecified	Adult					2
MP_02.3-05	55.28	snorkel	59.90957	-155.23535	9/10/08	Resident	sculpin-unspecified	Adult					1
MP_02.3-04	55.28	snorkel	59.90957	-155.23535	9/10/08	Resident	sculpin-unspecified	Juvenile					1
MP_02.3-01	55.28	snorkel	59.90957	-155.23535	9/10/08	Unknown	salmonid-unspecified	Adult					1
RC07-2	61.69	electrofish	59.9283	-155.2826	9/21/07	Anadromous	coho salmon	Juvenile	56	63	60.9	8	8
RC07-2	61.69	visual obs	59.9283	-155.2826	9/21/07	Anadromous	coho salmon	Juvenile					1
RC07-2	61.69	electrofish	59.9283	-155.2826	9/21/07	Resident	sculpin-unspecified	Adult	71	75	73	2	2
RC07-2	61.69	electrofish	59.9283	-155.2826	9/21/07	Resident	sculpin-unspecified	Juvenile	31	31	31	1	2
RC07-2	61.69	electrofish	59.9283	-155.2826	9/21/07	Resident	sculpin-unspecified	Juvenile/Adult	46	70	56	7	29
RC07-2	61.69	electrofish	59.9283	-155.2826	9/21/07	Unknown	Dolly Varden	Juvenile	87	87	87	1	1





0 0.5 1 1.5 2 Miles

0 0.6 1.2 1.8 2.4 Kilometers

Scale 1:128,383

Alaska Albers
1983 North American Datum

N

Proposed AWC Species Update

- COr nomination/extend AWC
- COr within 2010 AWC
- COs support AWC nom 10-589
- COp support AWC nom 10-589
- AWC (2010) Species Distribution
- AWC (2010) Stream

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

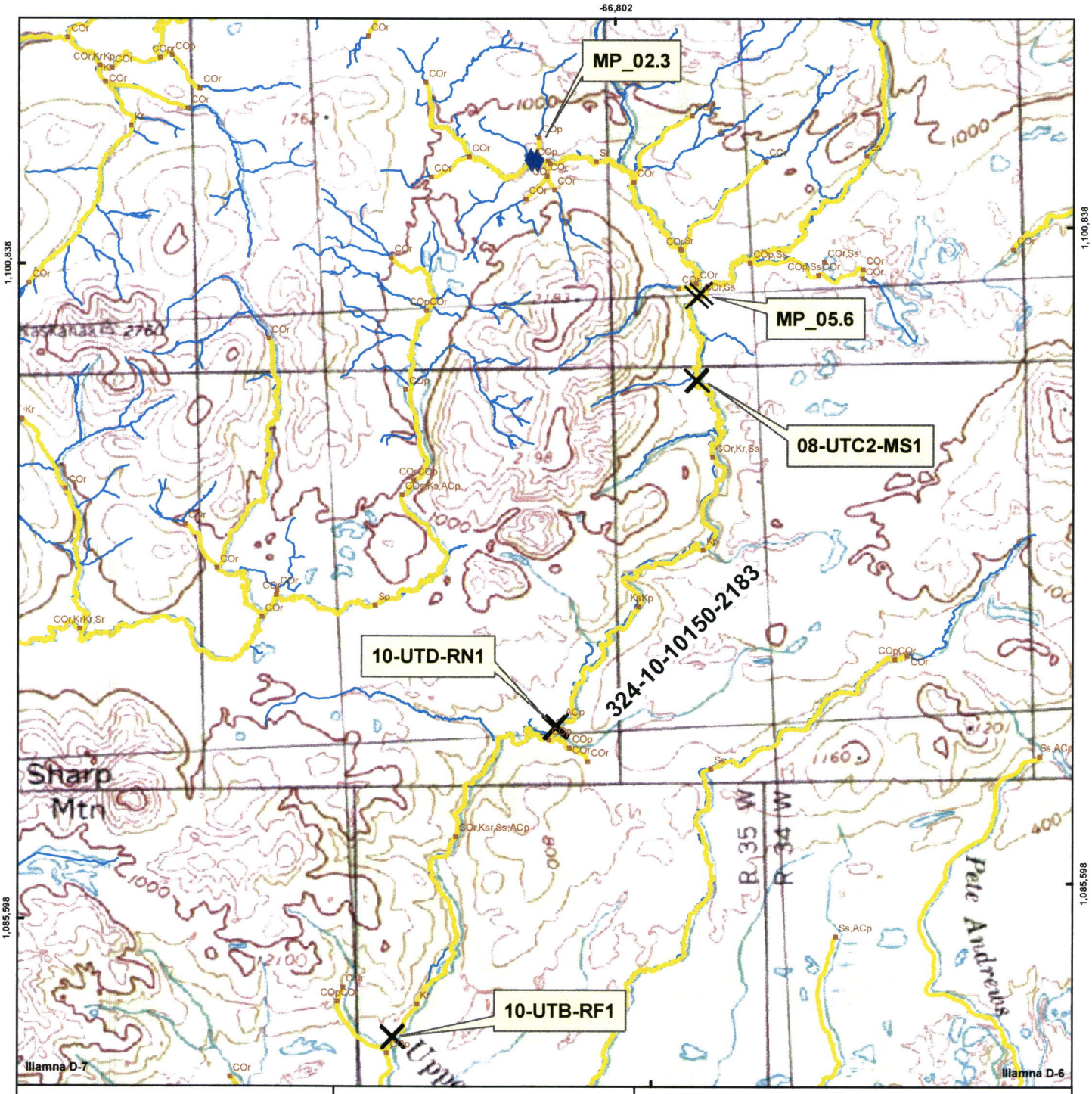
LIFESTAGE CODES
m Migration
p Present
r Rearing
s Spawning

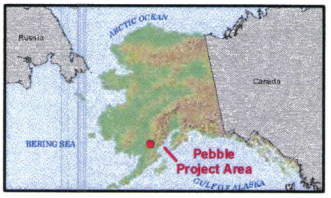
Upper Talarik Creek
AWC 324-10-10150-2183

UT1.0

Coho Salmon

File: UT_1_CO.mxd	Date: February1, 2011
Version 1	Author: BMcGregor





Miles
0 0.5 1 1.5 2
Kilometers
0 0.6 1.2 1.8 2.4
Scale 1:128,383
Alaska Albers
1983 North American Datum

N

Proposed AWC Species Update

- Kr support AWC nom 10-589
- Kr within 2010 AWC
- AWC (2010) Species Distribution
- AWC (2010) Stream

SPECIES CODES		LIFESTAGE CODES	
CH	chum salmon	m	Migration
CO	coho salmon	p	Present
K	Chinook salmon	r	Rearing
P	pink salmon	s	Spawning
S	sockeye salmon		

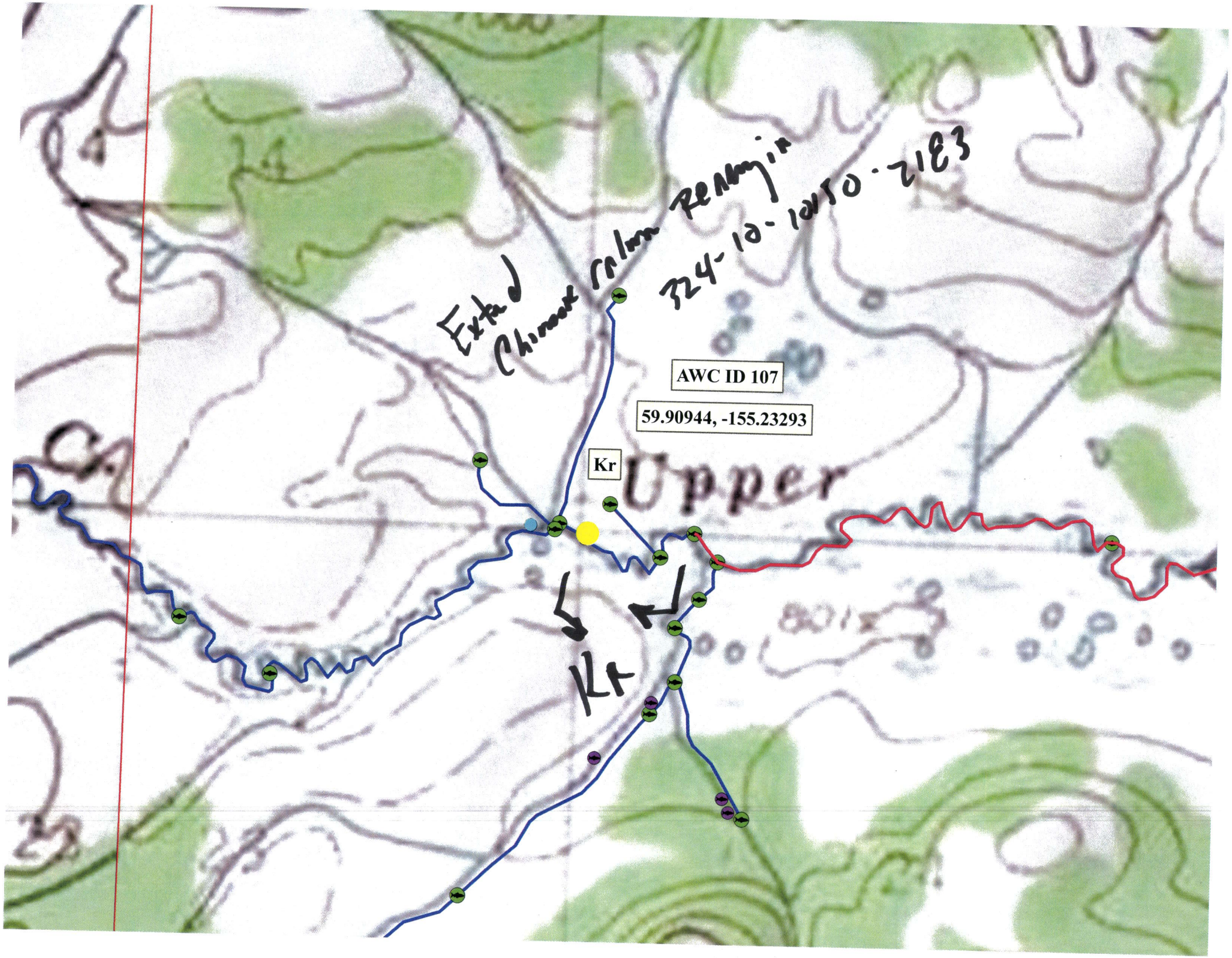
Upper Talarik Creek
AWC 324-10-10150-2183

UT1.0

Chinook Salmon

	File: UT_1_K.mxd	Date: February1, 2011
	Version 1	Author: BMcGregor

Kr
Extend
Chinook Salmon Rearing
in
324-10.10150-2183
Kr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Chinook Salmon Reanalysis
324-10-10150-2183
AWC ID 107
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Kr
Upper
Kr