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

Nomination Form
Anadromous Waters Catalog

4/

Region: Western

USGS Quad(s): Bethel B-6, B-5, B-4, A-4, A-3

Anadromous Waters Catalog Number of Waterway: 335-10-16600-2710-3010

Name of Waterway: Kwethluk River ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination # 100462		Fisheries Scientist	7/14/10 Date
Revision Year: 2011		Habitat Operations Manager	7/14/10 Date
Revision to: Atlas ____ Catalog ____ Both ✓		AWC Project Biologist	30 MAR 10 Date
Revision Code: B6		Cartographer	10/19/10 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Arctic lamprey	See attached spreadsheet		Y	Y	☑
Chinook salmon			Y	Y	☑
coho salmon			Y	Y	☑
sockeye salmon			Y	Y	☑
others (attached)					☐

Extend Arctic lamprey rearing, v stream, Extend ~~coho~~ and S Chinook & Sockeye rearing.

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: This nomination summarizes all fish observations for stations on the Kwethluk River (including side channels etc) for project code 08082. The observations herein are evidence of both species/life stage additions and backup information for AWC stream # 335-10-16600-2710-3010.
Add Kr and Sr up to station 7 (Sr in 12, 13, 10 and 7; Kr in 12, 13 and 7); Add ALr up to station 12 (including 67, 15 and 12); Add CHr up to station 20 (including 38, 21 and 20). Backup information for COr up to station 7. All other anadromous fish observations are backup information only.
See attached spreadsheet for detailed information on fish observations displayed by station and date.
Reviewed and Signed by: Jonathan Kirsch Fishery Biologist 267-2292

Extend Chum Salmon rearing

Name of Observer (please print): Tom Chandler

Signature: _____ Date: 12/28/09

Agency: Flathead Lake Biological Station

Address: 32125 Bio Station Lane

Polson, MT. 59860

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: _____

Name of Area Biologist (please print):

Revision 05/08

08082; Kwethluk River fish observation summary across stations.

Life history	Species	Life stage	Fork length (mm)			Count	Adtnl counts	Total
			Minimum	Maximum	Average			
Anadromous	Arctic lamprey	juvenile/adult	18	190	112.1	82		82
	Chinook salmon	adult	430	550	493.3	1		1
	Chinook salmon	juvenile	29	90	57.8	312		312
	chum salmon	adult	620	620	620.0	2		2
	chum salmon	juvenile	27	54	38.7	92		92
	coho salmon	adult	575	720	630.5	21		21
	coho salmon	juvenile	22	119	53.9	2973	724	3697
	coho salmon	smolt	71	116	95.4	50		50
	sockeye salmon	adult	570	740	643.3	3		3
	sockeye salmon	juvenile	24	71	42.9	582	58	640
Resident	Alaska blackfish	juvenile	131	131	131.0	1		1
	Alaska blackfish	juvenile/adult	32	130	81.5	90		90
	Arctic grayling	juvenile	65	78	70.3	4		4
	Arctic grayling	juvenile/adult	84	186	143.8	4		4
Unknown	other species not listed	juvenile	35	35	35.0	1		1

08082; Kwethluk River fish observations per station.

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			Count
	Latitude	Longitude					Minimum	Maximum	Average	
00001	60.3425269	-161.0677625	09-Jun-08	Anadromous	Chinook salmon	juvenile	77	77	77	1
00001	60.3425269	-161.0677625	09-Jun-08	Anadromous	coho salmon	juvenile	48	80	65	8
00001	60.3425269	-161.0677625	09-Jun-08	Resident	Alaska blackfish	juvenile/adult	111	111	111	1
00001	60.3425269	-161.0677625	21-Jul-08	Anadromous	Chinook salmon	juvenile	60	61	60	2
00001	60.3425269	-161.0677625	21-Jul-08	Anadromous	coho salmon	juvenile	31	62	37	18
00001	60.3425269	-161.0677625	21-Jul-08	Resident	Alaska blackfish	juvenile/adult	32	40	36	2
00001	60.3425269	-161.0677625	27-Aug-08	Anadromous	Chinook salmon	juvenile	54	72	65	16
00001	60.3425269	-161.0677625	27-Aug-08	Anadromous	coho salmon	juvenile	39	66	48	17

Continued

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			Count
	Latitude	Longitude					Minimum	Maximum	Average	
00001	60.3425269	-161.0677625	27-Aug-08	Resident	Alaska blackfish	juvenile/adult	44	44	44	1
00001	60.3425269	-161.0677625	27-Aug-08	Resident	Arctic grayling	juvenile/adult	133	186	164	3
00007	60.0721803	-160.0083786	18-Jun-08	Anadromous	Chinook salmon	juvenile	29	38	34	5
00007	60.0721803	-160.0083786	18-Jun-08	Anadromous	coho salmon	juvenile	27	37	34	20
00007	60.0721803	-160.0083786	18-Jun-08	Anadromous	sockeye salmon	juvenile	27	34	30	5
00007	60.0721803	-160.0083786	06-Aug-08	Anadromous	Chinook salmon	juvenile	40	47	44	4
00007	60.0721803	-160.0083786	06-Aug-08	Anadromous	coho salmon	juvenile	34	45	39	4
00007	60.0721803	-160.0083786	06-Aug-08	Anadromous	sockeye salmon	juvenile	32	33	32	2
00008	60.07254147	-160.0045802	19-Jun-08	Anadromous	coho salmon	juvenile	39	66	54	10
00008	60.07254147	-160.0045802	19-Jun-08	Anadromous	sockeye salmon	juvenile	24	34	29	112
00008	60.07254147	-160.0045802	10-Sep-08	Anadromous	coho salmon	juvenile	44	50	47	2
00008	60.07254147	-160.0045802	10-Sep-08	Anadromous	sockeye salmon	juvenile	43	43	43	1
00010	60.10863206	-160.0220848	20-Jun-08	Anadromous	coho salmon	juvenile	30	40	35	11
00010	60.10863206	-160.0220848	20-Jun-08	Anadromous	sockeye salmon	juvenile	29	29	29	1
00012	60.16871579	-160.1564287	22-Jun-08	Anadromous	Chinook salmon	juvenile	35	43	38	13
00012	60.16871579	-160.1564287	22-Jun-08	Anadromous	coho salmon	juvenile	32	43	37	39
00012	60.16871579	-160.1564287	22-Jun-08	Anadromous	sockeye salmon	juvenile	33	33	33	1
00012	60.16871579	-160.1564287	10-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	31	125	78	2
00012	60.16871579	-160.1564287	14-Sep-08	Anadromous	Arctic lamprey	juvenile/adult	155	155	155	1
00012	60.16871579	-160.1564287	14-Sep-08	Anadromous	coho salmon	juvenile	40	40	40	1
00013	60.13807581	-160.0799117	21-Jun-08	Anadromous	Chinook salmon	juvenile	34	41	38	16
00013	60.13807581	-160.0799117	21-Jun-08	Anadromous	coho salmon	juvenile	30	35	33	7
00013	60.13807581	-160.0799117	21-Jun-08	Anadromous	sockeye salmon	juvenile	27	39	33	2
00013	60.13807581	-160.0799117	09-Aug-08	Anadromous	sockeye salmon	juvenile	46	46	46	1
00013	60.13807581	-160.0799117	13-Sep-08	Anadromous	Chinook salmon	juvenile	55	55	55	1
00015	60.25197745	-160.2646996	23-Jun-08	Anadromous	Chinook salmon	juvenile	36	41	39	5
00015	60.25197745	-160.2646996	23-Jun-08	Anadromous	coho salmon	juvenile	22	71	38	111
00015	60.25197745	-160.2646996	11-Aug-08	Anadromous	Chinook salmon	juvenile	51	62	55	3
00015	60.25197745	-160.2646996	15-Sep-08	Anadromous	Arctic lamprey	juvenile/adult	27	27	27	1
00020	60.29872071	-160.3953719	24-Jun-08	Anadromous	chum salmon	juvenile	38	38	38	1
00020	60.29872071	-160.3953719	24-Jun-08	Anadromous	coho salmon	juvenile	30	46	39	46
00021	60.29865986	-160.3968892	24-Jun-08	Anadromous	chum salmon	juvenile	34	50	42	7
00021	60.29865986	-160.3968892	24-Jun-08	Anadromous	coho salmon	juvenile	31	52	38	119
00021	60.29865986	-160.3968892	24-Jun-08	Anadromous	sockeye salmon	juvenile	32	42	34	15

Continued

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			
	Latitude	Longitude					Minimum	Maximum	Average	Count
00021	60.29865986	-160.3968892	24-Jun-08	Resident	Alaska blackfish	juvenile/adult	77	77	77	1
00021	60.29865986	-160.3968892	13-Aug-08	Anadromous	coho salmon	juvenile	38	84	52	116
00021	60.29865986	-160.3968892	13-Aug-08	Anadromous	sockeye salmon	juvenile	35	61	48	15
00021	60.29865986	-160.3968892	16-Sep-08	Anadromous	Chinook salmon	juvenile	60	79	68	5
00021	60.29865986	-160.3968892	16-Sep-08	Anadromous	coho salmon	juvenile	36	82	59	108
00021	60.29865986	-160.3968892	16-Sep-08	Anadromous	sockeye salmon	juvenile	49	56	53	3
00023	60.33314154	-160.6478829	26-Jun-08	Anadromous	Chinook salmon	juvenile	51	51	51	1
00023	60.33314154	-160.6478829	26-Jun-08	Anadromous	coho salmon	juvenile	28	75	53	58
00023	60.33314154	-160.6478829	26-Jun-08	Anadromous	sockeye salmon	juvenile	34	34	34	1
00023	60.33314154	-160.6478829	26-Jun-08	Resident	Alaska blackfish	juvenile/adult	32	58	42	3
00023	60.33314154	-160.6478829	14-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	160	160	160	1
00023	60.33314154	-160.6478829	14-Aug-08	Anadromous	Chinook salmon	juvenile	48	63	56	3
00023	60.33314154	-160.6478829	14-Aug-08	Anadromous	coho salmon	juvenile	40	87	55	109
00023	60.33314154	-160.6478829	14-Aug-08	Anadromous	sockeye salmon	juvenile	41	59	50	44
00023	60.33314154	-160.6478829	14-Aug-08	Resident	Alaska blackfish	juvenile/adult	52	83	68	2
00023	60.33314154	-160.6478829	17-Sep-08	Anadromous	Arctic lamprey	juvenile/adult	110	110	110	1
00023	60.33314154	-160.6478829	17-Sep-08	Anadromous	Chinook salmon	juvenile	70	70	70	1
00023	60.33314154	-160.6478829	17-Sep-08	Anadromous	coho salmon	juvenile	49	98	64	97
00023	60.33314154	-160.6478829	17-Sep-08	Anadromous	sockeye salmon	juvenile	54	66	61	10
00023	60.33314154	-160.6478829	17-Sep-08	Resident	Alaska blackfish	juvenile/adult	70	70	70	1
00024	60.33337375	-160.6487097	26-Jun-08	Anadromous	Chinook salmon	juvenile	35	50	42	15
00024	60.33337375	-160.6487097	26-Jun-08	Anadromous	coho salmon	juvenile	33	46	37	10
00024	60.33337375	-160.6487097	18-Sep-08	Anadromous	Chinook salmon	juvenile	64	64	64	1
00027	60.3076582	-160.9825223	29-Jun-08	Anadromous	coho salmon	juvenile	37	52	45	20
00027	60.3076582	-160.9825223	19-Aug-08	Anadromous	coho salmon	juvenile	49	59	54	4
00027	60.3076582	-160.9825223	19-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	75	148	101	8
00027	60.3076582	-160.9825223	19-Aug-08	Anadromous	Chinook salmon	juvenile	53	68	61	24
00027	60.3076582	-160.9825223	19-Aug-08	Anadromous	coho salmon	juvenile	40	56	48	20
00027	60.3076582	-160.9825223	05-Sep-08	Anadromous	Chinook salmon	juvenile	46	71	63	9
00027	60.3076582	-160.9825223	05-Sep-08	Anadromous	coho salmon	juvenile	52	52	52	1
00028	60.40070741	-161.1113931	30-Jun-08	Anadromous	chum salmon	juvenile	45	45	45	2
00028	60.40070741	-161.1113931	30-Jun-08	Anadromous	coho salmon	juvenile	35	52	43	62
00028	60.40070741	-161.1113931	30-Jun-08	Anadromous	sockeye salmon	juvenile	41	41	41	2
00031	60.47271315	-161.1012601	01-Jul-08	Anadromous	coho salmon	juvenile	34	54	48	12

Continued

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			Count
	Latitude	Longitude					Minimum	Maximum	Average	
00031	60.47271315	-161.1012601	01-Jul-08	Resident	Alaska blackfish	juvenile/adult	86	86	86	1
00032	60.38317515	-161.1068466	02-Jul-08	Anadromous	Arctic lamprey	juvenile/adult	67	150	104	13
00032	60.38317515	-161.1068466	02-Jul-08	Anadromous	Chinook salmon	juvenile	39	45	41	5
00032	60.38317515	-161.1068466	02-Jul-08	Anadromous	chum salmon	juvenile	27	42	34	14
00032	60.38317515	-161.1068466	02-Jul-08	Anadromous	coho salmon	juvenile	30	69	40	51
00032	60.38317515	-161.1068466	02-Jul-08	Anadromous	sockeye salmon	juvenile	28	40	34	36
00032	60.38317515	-161.1068466	25-Jul-08	Anadromous	Arctic lamprey	juvenile/adult	90	160	113	20
00032	60.38317515	-161.1068466	25-Jul-08	Anadromous	Chinook salmon	juvenile	36	58	51	23
00032	60.38317515	-161.1068466	25-Jul-08	Anadromous	chum salmon	juvenile	36	42	39	3
00032	60.38317515	-161.1068466	25-Jul-08	Anadromous	coho salmon	juvenile	34	80	46	74
00032	60.38317515	-161.1068466	25-Jul-08	Anadromous	sockeye salmon	juvenile	41	51	46	6
00032	60.38317515	-161.1068466	25-Jul-08	Resident	Alaska blackfish	juvenile/adult	42	42	42	1
00032	60.38317515	-161.1068466	22-Sep-08	Anadromous	Arctic lamprey	juvenile/adult	50	110	71	3
00032	60.38317515	-161.1068466	22-Sep-08	Anadromous	Chinook salmon	juvenile	63	80	72	6
00032	60.38317515	-161.1068466	22-Sep-08	Anadromous	chum salmon	juvenile	52	52	52	1
00032	60.38317515	-161.1068466	22-Sep-08	Anadromous	coho salmon	juvenile	53	91	65	53
00032	60.38317515	-161.1068466	22-Sep-08	Anadromous	sockeye salmon	juvenile	66	68	67	2
00032	60.38317515	-161.1068466	22-Sep-08	Resident	Arctic grayling	juvenile	65	78	72	3
00033	60.38016266	-161.1132923	03-Jul-08	Anadromous	coho salmon	juvenile	63	94	82	13
00034	60.38059236	-161.1116873	03-Jul-08	Anadromous	Chinook salmon	juvenile	50	55	52	2
00034	60.38059236	-161.1116873	03-Jul-08	Anadromous	coho salmon	juvenile	30	86	52	213
00034	60.38059236	-161.1116873	03-Jul-08	Resident	Alaska blackfish	juvenile/adult	116	116	116	1
00034	60.38059236	-161.1116873	01-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	147	160	154	2
00034	60.38059236	-161.1116873	01-Aug-08	Anadromous	coho salmon	juvenile	36	98	52	165
00035	60.32975877	-161.0478073	05-Jul-08	Anadromous	Chinook salmon	juvenile	37	37	37	1
00035	60.32975877	-161.0478073	05-Jul-08	Anadromous	chum salmon	juvenile	29	46	35	43
00035	60.32975877	-161.0478073	05-Jul-08	Anadromous	coho salmon	juvenile	31	78	41	95
00035	60.32975877	-161.0478073	05-Jul-08	Anadromous	sockeye salmon	juvenile	30	41	34	24
00035	60.32975877	-161.0478073	05-Jul-08	Resident	Alaska blackfish	juvenile/adult	104	105	104	2
00038	60.32722326	-160.9006256	06-Jul-08	Anadromous	Arctic lamprey	juvenile/adult	149	155	152	2
00038	60.32722326	-160.9006256	06-Jul-08	Anadromous	Chinook salmon	juvenile	37	55	48	14
00038	60.32722326	-160.9006256	06-Jul-08	Anadromous	chum salmon	juvenile	40	54	47	16
00038	60.32722326	-160.9006256	06-Jul-08	Anadromous	coho salmon	juvenile	33	73	45	201
00038	60.32722326	-160.9006256	06-Jul-08	Anadromous	sockeye salmon	juvenile	30	51	39	63

Continued

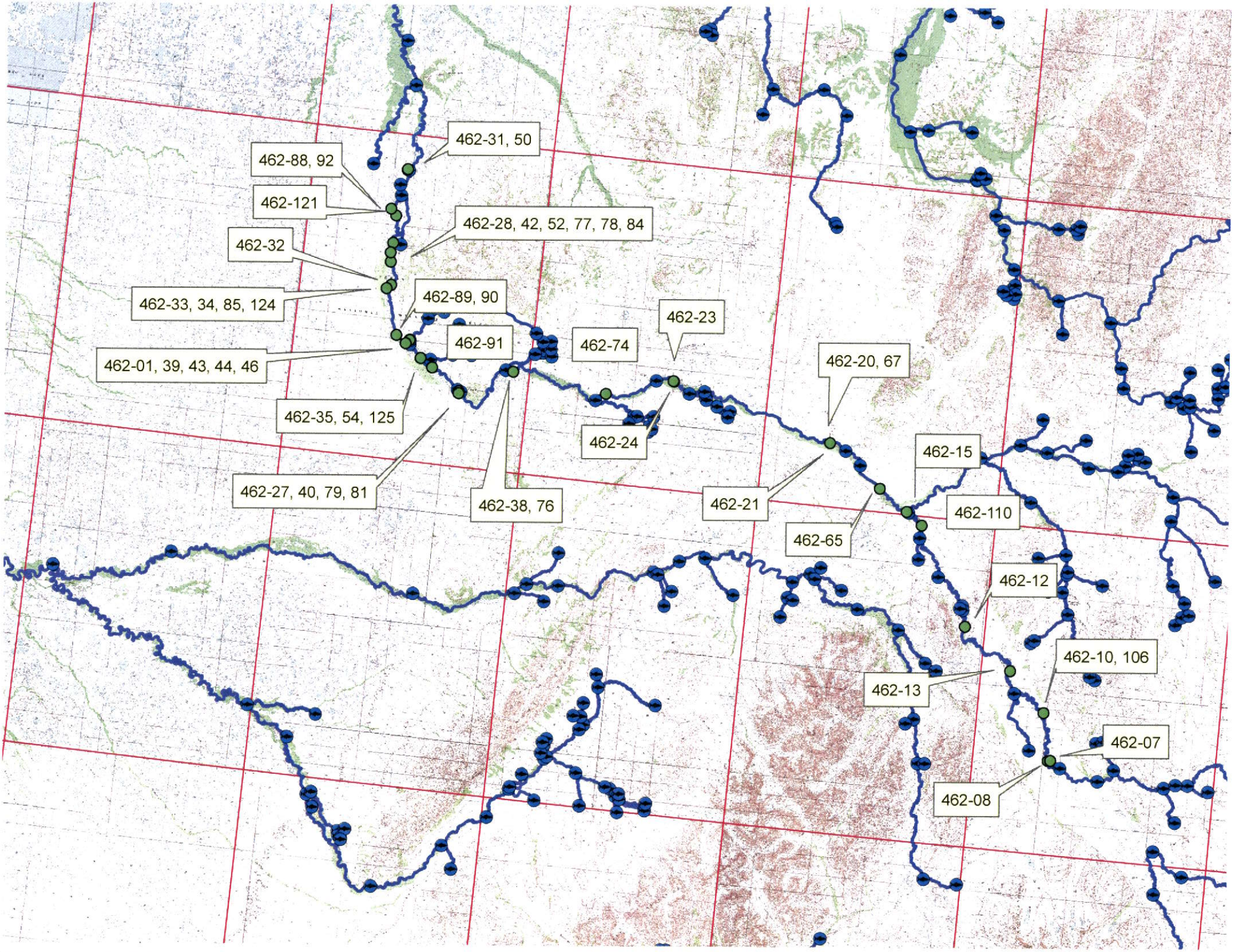
Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			
	Latitude	Longitude					Minimum	Maximum	Average	Count
00038	60.32722326	-160.9006256	06-Jul-08	Resident	Alaska blackfish	juvenile/adult	40	74	56	4
00038	60.32722326	-160.9006256	19-Sep-08	Anadromous	Arctic lamprey	juvenile/adult	96	149	120	7
00038	60.32722326	-160.9006256	19-Sep-08	Anadromous	Chinook salmon	juvenile	50	75	61	6
00038	60.32722326	-160.9006256	19-Sep-08	Anadromous	coho salmon	juvenile	45	92	60	208
00038	60.32722326	-160.9006256	19-Sep-08	Anadromous	sockeye salmon	juvenile	45	71	57	69
00038	60.32722326	-160.9006256	19-Sep-08	Resident	Alaska blackfish	juvenile	131	131	131	1
00038	60.32722326	-160.9006256	19-Sep-08	Resident	Alaska blackfish	juvenile/adult	47	115	82	9
00038	60.32722326	-160.9006256	19-Sep-08	Resident	Arctic grayling	juvenile/adult	84	84	84	1
00039	60.33975223	-161.0734761	08-Jul-08	Anadromous	coho salmon	juvenile	48	87	66	4
00039	60.33975223	-161.0734761	08-Jul-08	Anadromous	coho salmon	smolt	71	109	88	23
00039	60.33975223	-161.0734761	08-Jul-08	Resident	Alaska blackfish	juvenile/adult	76	102	91	3
00039	60.33975223	-161.0734761	30-Jul-08	Anadromous	Chinook salmon	juvenile	70	70	70	1
00039	60.33975223	-161.0734761	30-Jul-08	Anadromous	Chinook salmon	juvenile	62	62	62	1
00039	60.33975223	-161.0734761	30-Jul-08	Anadromous	coho salmon	juvenile	51	93	72	18
00039	60.33975223	-161.0734761	30-Jul-08	Anadromous	coho salmon	smolt	93	116	100	12
00039	60.33975223	-161.0734761	30-Jul-08	Resident	Alaska blackfish	juvenile/adult	88	130	114	9
00039	60.33975223	-161.0734761	03-Sep-08	Anadromous	coho salmon	juvenile	68	119	87	15
00039	60.33975223	-161.0734761	03-Sep-08	Anadromous	coho salmon	smolt	91	115	104	15
00039	60.33975223	-161.0734761	03-Sep-08	Resident	Alaska blackfish	juvenile/adult	71	130	98	11
00040	60.3060859	-160.9819564	10-Jul-08	Anadromous	coho salmon	juvenile	81	84	82	2
00040	60.3060859	-160.9819564	10-Jul-08	Anadromous	Chinook salmon	juvenile	55	55	55	1
00040	60.3060859	-160.9819564	10-Jul-08	Anadromous	coho salmon	juvenile	55	86	69	103
00040	60.3060859	-160.9819564	23-Aug-08	Anadromous	Chinook salmon	juvenile	72	90	81	31
00040	60.3060859	-160.9819564	23-Aug-08	Anadromous	Chinook salmon	juvenile	65	71	68	2
00040	60.3060859	-160.9819564	23-Aug-08	Anadromous	coho salmon	juvenile	64	111	82	96
00040	60.3060859	-160.9819564	20-Sep-08	Anadromous	coho salmon	juvenile	90	99	93	5
00042	60.41554249	-161.1110107	12-Jul-08	Anadromous	Chinook salmon	juvenile	49	70	61	13
00042	60.41554249	-161.1110107	12-Jul-08	Anadromous	coho salmon	juvenile	59	59	59	1
00042	60.41554249	-161.1110107	12-Jul-08	Resident	Alaska blackfish	juvenile/adult	50	90	70	2
00042	60.41554249	-161.1110107	25-Sep-08	Anadromous	coho salmon	juvenile	81	95	89	5
00043	60.34146461	-161.0794199	13-Jul-08	Anadromous	sockeye salmon	adult	570	570	570	1
00044	60.33975909	-161.0724617	13-Jul-08	Anadromous	chum salmon	adult	620	620	620	1
00046	60.33828375	-161.0645405	19-Jul-08	Anadromous	chum salmon	adult	620	620	620	1
00047	60.4423481	-161.1192395	20-Jul-08	Anadromous	sockeye salmon	juvenile	30	39	35	32

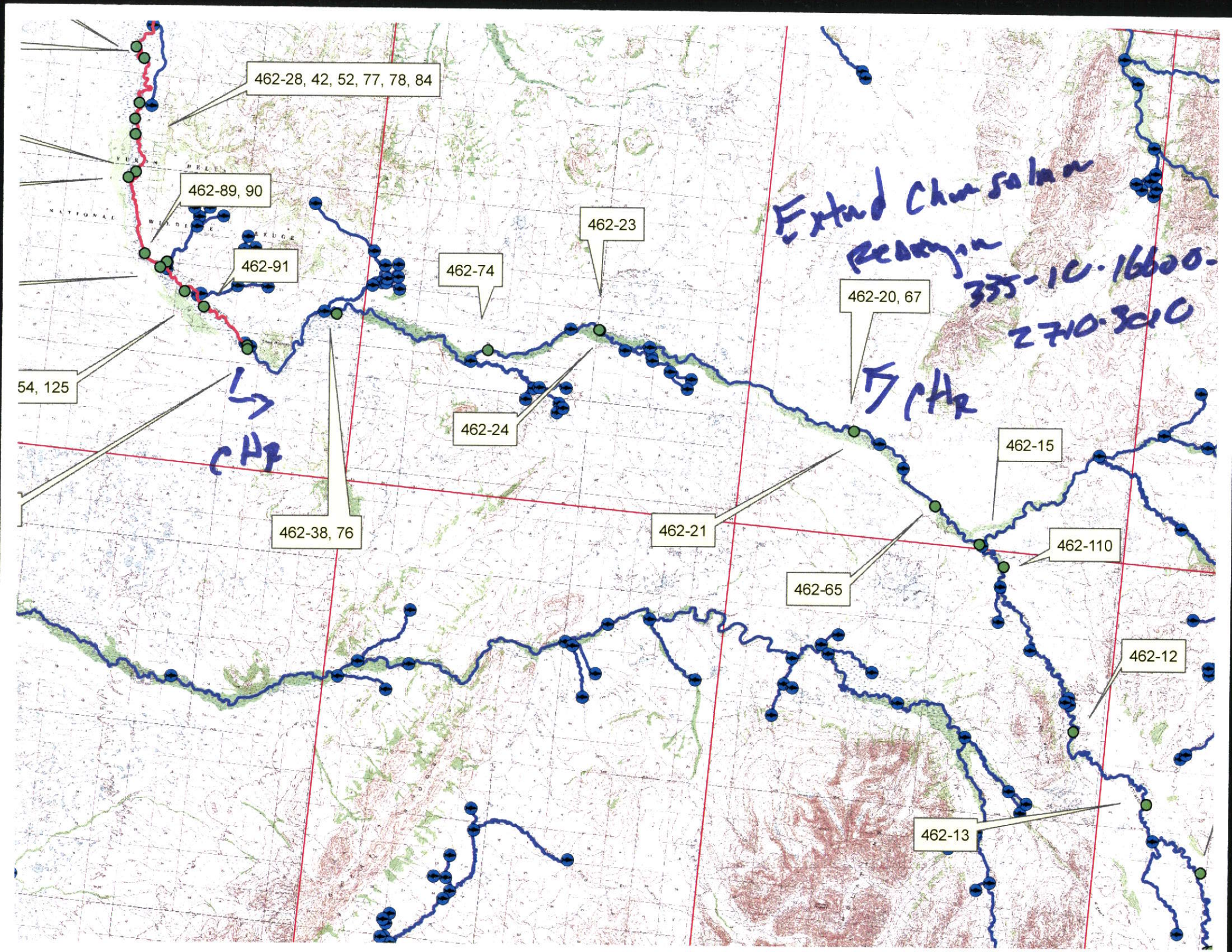
Continued

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			
	Latitude	Longitude					Minimum	Maximum	Average	Count
00047	60.4423481	-161.1192395	20-Jul-08	Resident	Alaska blackfish	juvenile/adult	49	93	67	3
00050	60.47307779	-161.1009197	22-Jul-08	Anadromous	coho salmon	juvenile	36	68	57	13
00050	60.47307779	-161.1009197	28-Aug-08	Anadromous	Chinook salmon	juvenile	55	55	55	1
00052	60.40072507	-161.1114124	24-Jul-08	Anadromous	Chinook salmon	juvenile	34	60	51	10
00052	60.40072507	-161.1114124	24-Jul-08	Anadromous	chum salmon	juvenile	28	53	41	4
00052	60.40072507	-161.1114124	24-Jul-08	Anadromous	coho salmon	juvenile	45	45	45	1
00052	60.40072507	-161.1114124	24-Jul-08	Anadromous	pink salmon	juvenile	32	32	32	1
00052	60.40072507	-161.1114124	24-Jul-08	Unknown	other species not listed	juvenile	35	35	35	1
00052	60.40072507	-161.1114124	31-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	18	139	76	4
00052	60.40072507	-161.1114124	31-Aug-08	Anadromous	Chinook salmon	juvenile	54	75	64	2
00054	60.32994106	-161.0482172	29-Jul-08	Anadromous	Chinook salmon	juvenile	44	64	55	6
00054	60.32994106	-161.0482172	29-Jul-08	Anadromous	chum salmon	juvenile	44	44	44	1
00054	60.32994106	-161.0482172	29-Jul-08	Anadromous	coho salmon	juvenile	35	84	49	158
00054	60.32994106	-161.0482172	29-Jul-08	Anadromous	sockeye salmon	juvenile	34	50	41	42
00065	60.26768046	-160.3103711	11-Aug-08	Anadromous	Chinook salmon	adult	550	550	550	1
00067	60.29911348	-160.3981571	12-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	60	190	130	14
00067	60.29911348	-160.3981571	12-Aug-08	Anadromous	Chinook salmon	juvenile	55	64	59	5
00067	60.29911348	-160.3981571	12-Aug-08	Anadromous	sockeye salmon	juvenile	59	59	59	1
00067	60.29911348	-160.3981571	16-Sep-08	Anadromous	Chinook salmon	juvenile	66	66	66	1
00074	60.31807923	-160.7525214	15-Aug-08	Anadromous	coho salmon	adult	580	640	610	2
00076	60.3270984	-160.9005641	16-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	140	140	140	1
00076	60.3270984	-160.9005641	16-Aug-08	Anadromous	Chinook salmon	juvenile	55	66	61	8
00076	60.3270984	-160.9005641	16-Aug-08	Anadromous	coho salmon	juvenile	40	84	53	124
00076	60.3270984	-160.9005641	16-Aug-08	Anadromous	sockeye salmon	juvenile	44	70	52	18
00076	60.3270984	-160.9005641	16-Aug-08	Resident	Alaska blackfish	juvenile/adult	60	69	64	2
00077	60.42076788	-161.1139654	18-Aug-08	Anadromous	Chinook salmon	juvenile	56	84	72	10
00077	60.42076788	-161.1139654	18-Aug-08	Anadromous	coho salmon	juvenile	64	94	77	30
00077	60.42076788	-161.1139654	18-Aug-08	Resident	Alaska blackfish	juvenile/adult	62	121	91	7
00078	60.41514675	-161.114436	18-Aug-08	Anadromous	Chinook salmon	juvenile	45	90	63	32
00078	60.41514675	-161.114436	18-Aug-08	Anadromous	coho salmon	juvenile	38	103	68	113
00078	60.41514675	-161.114436	18-Aug-08	Anadromous	sockeye salmon	juvenile	47	69	57	27
00078	60.41514675	-161.114436	18-Aug-08	Resident	Alaska blackfish	juvenile/adult	67	82	74	2

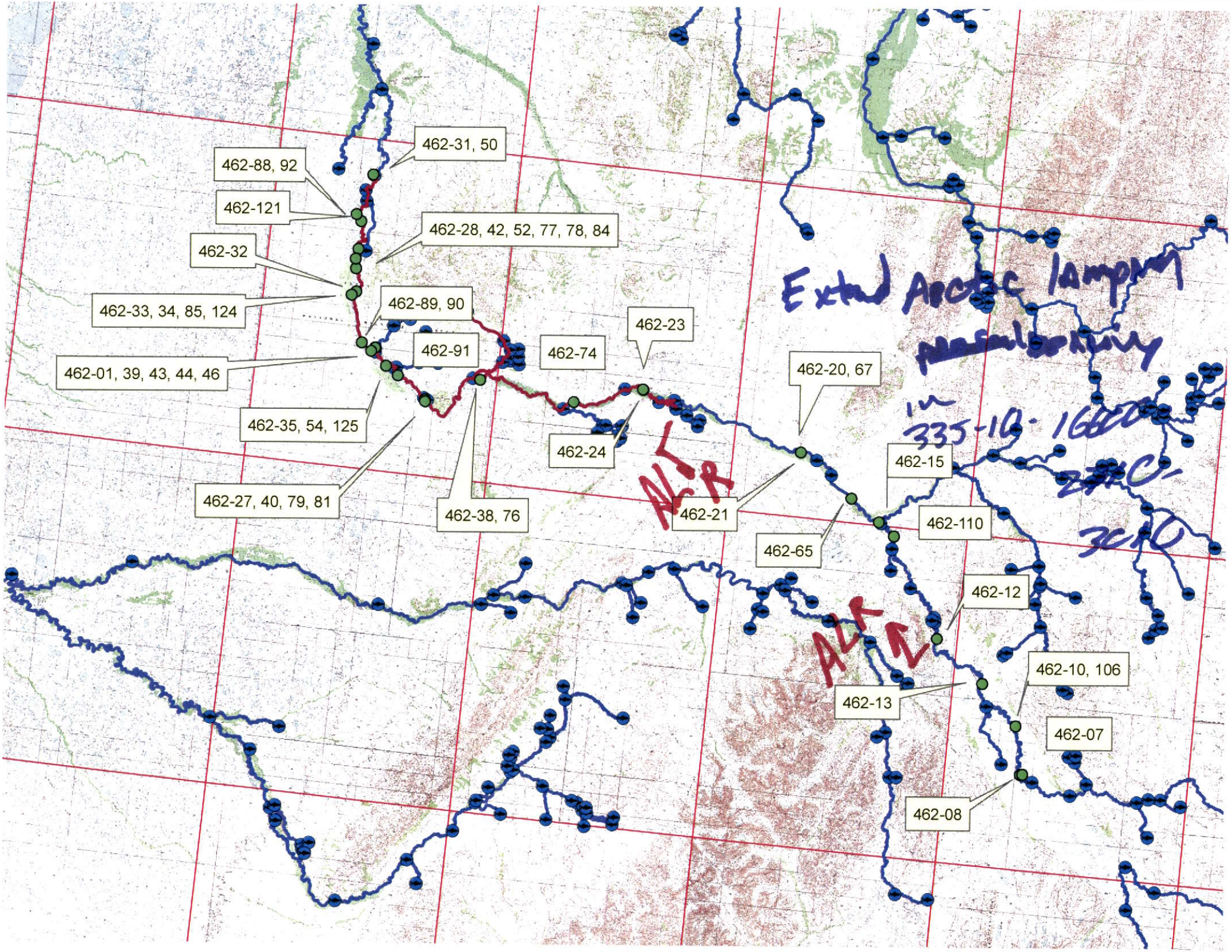
Continued

Station	GPS coordinates (NAD 83)		Date	Life History	Species	Life Stage	Fork length (mm)			
	Latitude	Longitude					Minimum	Maximum	Average	Count
00079	60.30902145	-160.9874565	19-Aug-08	Anadromous	coho salmon	adult	645	645	645	1
00081	60.30755067	-160.981303	19-Aug-08	Anadromous	Chinook salmon	juvenile	55	66	62	6
00081	60.30755067	-160.981303	19-Aug-08	Anadromous	sockeye salmon	juvenile	57	57	57	1
00081	60.30755067	-160.981303	19-Aug-08	Resident	Arctic grayling	juvenile	66	66	66	1
00084	60.40792322	-161.1134405	21-Aug-08	Anadromous	coho salmon	adult	595	595	595	1
00085	60.37496408	-161.1069511	21-Aug-08	Anadromous	coho salmon	adult	575	575	575	1
00088	60.43656428	-161.1113021	24-Aug-08	Anadromous	sockeye salmon	adult	620	740	680	2
00089	60.34533011	-161.0895071	24-Aug-08	Anadromous	coho salmon	adult	610	670	642	3
00090	60.34533011	-161.0895071	27-Aug-08	Anadromous	coho salmon	adult	620	670	645	2
00090	60.34155803	-161.0791902	24-Aug-08	Anadromous	coho salmon	adult	590	720	639	5
00091	60.32351354	-161.0281094	24-Aug-08	Anadromous	coho salmon	adult	670	670	670	1
00092	60.44217039	-161.1196823	25-Aug-08	Anadromous	Arctic lamprey	juvenile/adult	109	121	115	2
00092	60.44217039	-161.1196823	25-Aug-08	Anadromous	coho salmon	juvenile	59	95	72	6
00092	60.44217039	-161.1196823	25-Aug-08	Anadromous	sockeye salmon	juvenile	31	44	40	4
00092	60.44217039	-161.1196823	25-Aug-08	Resident	Alaska blackfish	juvenile/adult	49	89	67	10
00106	60.1088751	-160.0231717	12-Sep-08	Anadromous	coho salmon	juvenile	48	57	52	2
00110	60.24268082	-160.2392518	14-Sep-08	Anadromous	coho salmon	adult	600	640	625	5
00121	60.44149108	-161.120038	23-Sep-08	Anadromous	coho salmon	juvenile	67	70	68	2
00121	60.44149108	-161.120038	23-Sep-08	Resident	Alaska blackfish	juvenile/adult	65	100	82	11
00124	60.3807721	-161.1116808	25-Sep-08	Anadromous	coho salmon	juvenile	61	87	71	10
00125	60.32982445	-161.0487896	26-Sep-08	Anadromous	coho salmon	juvenile	44	97	63	162
00125	60.32982445	-161.0487896	26-Sep-08	Anadromous	sockeye salmon	juvenile	42	71	58	42
00125	60.32982445	-161.0487896	26-Sep-08	Resident	Alaska blackfish	juvenile/adult	92	92	92	1

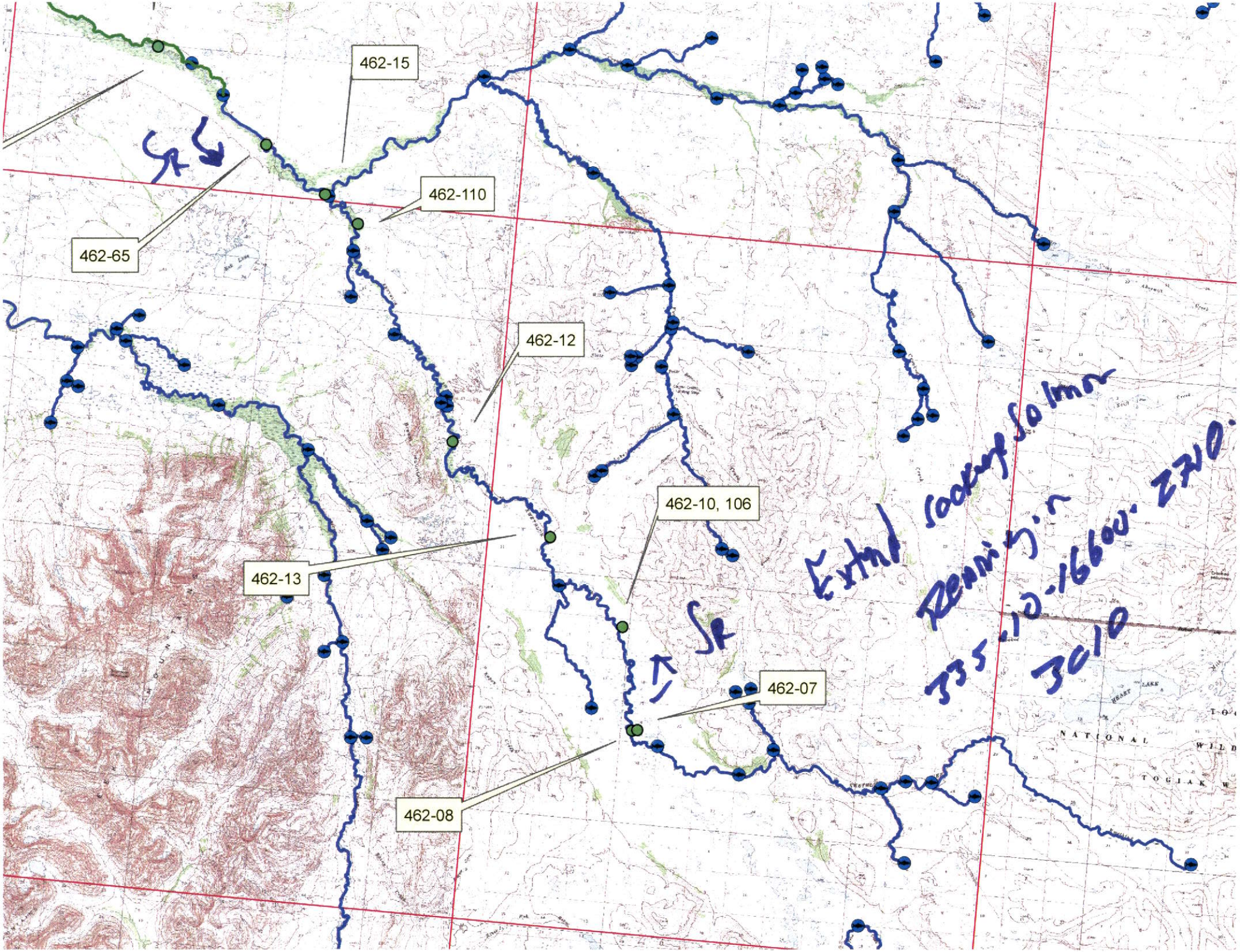

462-31, 50
462-88, 92
462-121
462-28, 42, 52, 77, 78, 84
462-32
462-33, 34, 85, 124
462-89, 90
462-91
462-74
462-23
462-01, 39, 43, 44, 46
462-20, 67
462-35, 54, 125
462-24
462-15
462-27, 40, 79, 81
462-38, 76
462-21
462-110
462-65
462-12
462-10, 106
462-13
462-07
462-08

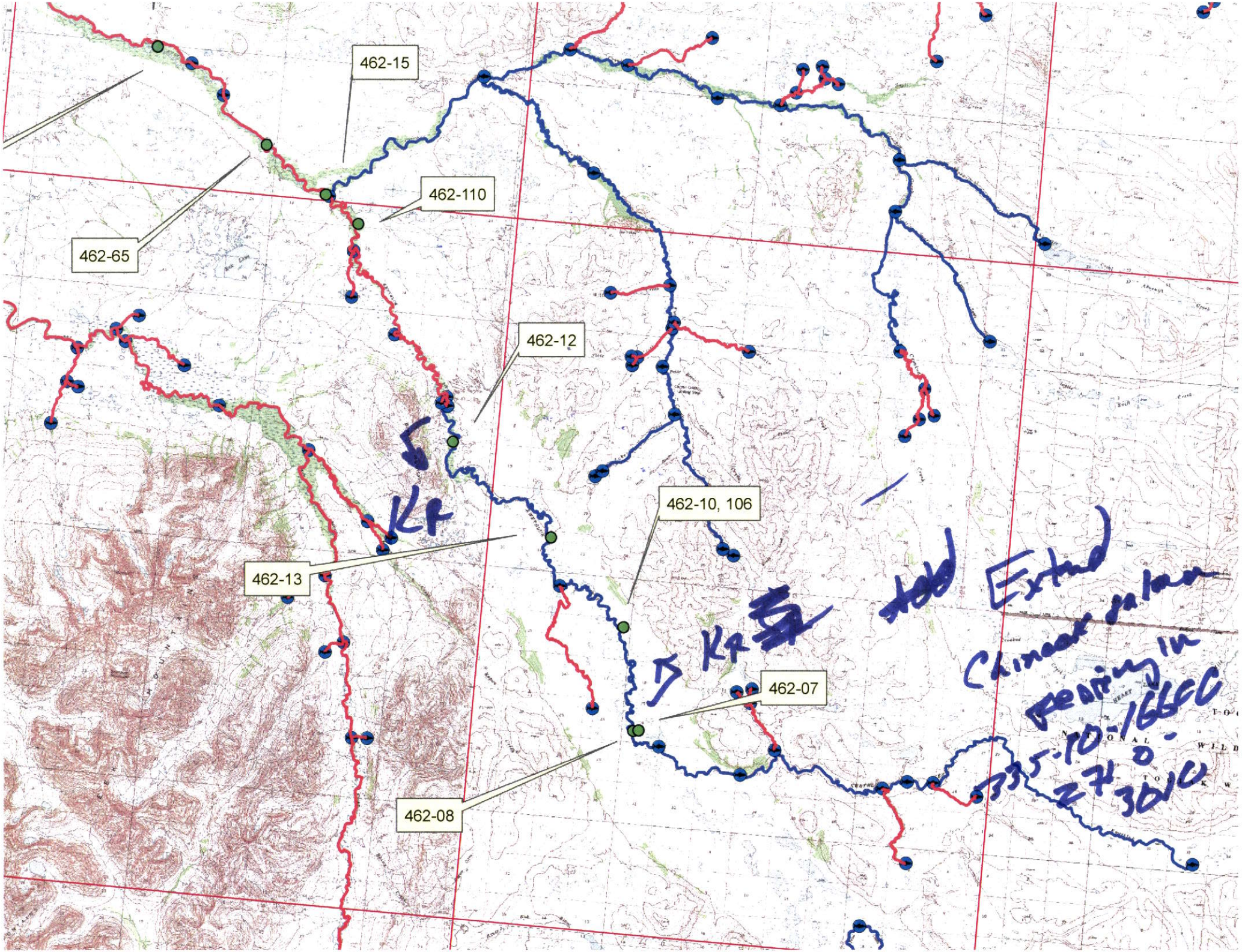


462-28, 42, 52, 77, 78, 84
462-89, 90
462-91
54, 125
462-38, 76
462-74
462-23
462-24
462-21
462-20, 67
462-15
462-110
462-65
462-12
462-13
Extend Chinsalan Reaction
335-10-16600-2710-3010
CHR
CHR



462-31, 50
462-88, 92
462-121
462-28, 42, 52, 77, 78, 84
462-32
462-33, 34, 85, 124
462-89, 90
462-91
462-74
462-23
462-01, 39, 43, 44, 46
462-20, 67
462-35, 54, 125
462-24
462-15
462-27, 40, 79, 81
462-38, 76
462-21
462-110
462-65
462-12
462-10, 106
462-13
462-07
462-08
Extend Arctic lamping
in
335-10-16600
ALT
ALR


462-15
462-110
462-65
462-12
462-10, 106
462-13
462-07
462-08
NATIONAL
TOGIAK


462-15
462-110
462-65
462-12
462-10, 106
462-13
462-07
462-08
KR
KR
Extend
Chinook salmon
Feeding in
335-10-16600
271 0
3010