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FISH DISTRIBUTION DATABASE CATALOG/ATLAS
CORRECTION FORM

CORRECTION TO: Atlas X Catalog X

Region: ARC

Map: HARRISON BAY A-3, B-3

Water Body Number: 330-00-10840-2017-3007

Describe Change(s): Change species from Wp (whitefish present) to

BCp in 330-00-10840-2017-3007

change 330-00-10840-2017 lower pt Wp species designation to BCp

change to 330-00-10840-2017 BCp begins at mouth of 330-00-10840-2017-3483

change to 330-00-10840-2017 HWp begins at mouth of 330-00-10840-2017-3163

changes to 330-00-10840 made on separate nominations

Change Requested By: J. Johnson

5/24/2007

Drafted/Digitized By: *W. Hamilton*

3/19/08
Date
Date

Revision Code: E-7

Nomination Number: 08-023

****ATTACH THIS FORM TO EXISTING NOMINATION FORM****



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

ALASKA
FISH & GAME
DIVISION
NOV 1 2004

Region ARCTIC USGS Quad Harrison Bay B-3

Fish Distribution Database Number of Waterway 330-00-10840-2017-~~3007~~ 3007

Name of Waterway Ublutuoch River Tributary USGS Name Local Name

Addition Deletion Correction Backup Information

Nomination #	<u>04 459</u>	For Office Use	<u>MJM</u>	<u>2-24-05</u>
Revision Year:	<u>2006</u>			<u>2/24/05</u>
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>			<u>12-15-04</u>
Revision Code:	<u>A-2</u>			
		Drafted		Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Broad whitefish (BDWF)	Summer 2004			18	<input checked="" type="checkbox"/>
Broad whitefish (BDWF)	Summer 2003			2	<input checked="" type="checkbox"/>
Arctic Grayling (AG)	Summer 2004			186	<input type="checkbox"/>
Arctic Grayling (AG)	Summer 2003			103	<input type="checkbox"/>
Slimy Sculpin	Summers 03 04			59	<input type="checkbox"/>

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 Ublutuoch River Tributary is nominated from its mouth to the wetlands at the headwaters of the short stream, identified on the attached map. Catch data are from "Baseline Surveys of Fish Habitats in Eastern NPR-A, Summary Data Report, September 2003" prepared by MJM Research, 1012 Shoreland Drive, Lopez Island, WA, for ConocoPhillips Alaska, Inc. and Anadarko Petroleum Corp and 2004 unpublished catch data from Moulton (Data are attached). The stream was identified as F02 in the MJM 2003 report and is F0402 in the 2004 data summary. The creek is nominated upstream from the net sites because fish were captured moving both up and downstream at the net locations and because radio-telemetry work conducted by our office in the vicinity of creek (Ublutuoch River) (Morris, 2003, Tech Report 02-03), in the Teshekpuk lake region (in-progress), and in the Prudhoe Bay area (Morris 2000), clearly indicate that broad whitefish use these systems to gain access to warm wetland ponds and lakes such as those at the headwaters of this creek. Stream 330-00-10840-2017-3013, several kilometers is nearly identical but larger.

Name of Observer (please print): William Morris
 Signature: Date: 11/9/2004
 Address: AK, Dept Nat Resources, OHMP
1300 College Road, Fairbanks, AK 99701

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 Fish Distribution Database.

Signature of Area Biologist: Revision 04/03
 Name of Area Biologist (please print): JAMES BUCK

Moulton, L. L. (MJM Research LLC), 2003. Baseline Surveys of Fish Habitats in Eastern NPR-A, Summary Data Report, September 2003., prepared by MJM Research, 1012 Shoreland Drive, Lopez Island, WA, for ConocoPhillips Alaska, Inc. and Anadarko Petroleum Corp. 16 pp (plus data Appendices)

Moulton, L. L. (MJM Research LLC). 2004. Unpublished 2004 Catch Data from NPR-A Streams.

Morris, W.A., 2003. Seasonal Movements And Habitat Use Of Arctic Grayling (*Thymallus arcticus*), Burbot (*Lota Lota*), And Broad Whitefish (*Coregonus Nasus*) Within The Fish Creek Drainage Of The National Petroleum Reserve-Alaska, 2001-2002. Technical Report No. 03-02. Alaska Department of Natural Resources, Office of Habitat Management and Permitting, Juneau. 110 pp.

Morris, W. A. 2000. Seasonal movements of broad whitefish (*Coregonus nasus*) in the freshwater systems of the Prudhoe Bay oil field. Masters Thesis. University of Alaska Fairbanks. 71 pp.

Table 2. Fish caught by fyke net in small streams of eastern NPR-A during 2003.

All Stations				
Species	June Total	July Total	August Total	Total
Broad whitefish	3	153	0	156
Humpback whitefish	1	4	0	5
Least cisco	0	53	0	53
Round whitefish	0	4	1	5
Arctic grayling	274	1,529	44	1,847
Burbot	0	1	1	2
Alaska blackfish	93	25	0	118
Slimy sculpin	1	36	0	37
Ninespine stickleback	10,696	3,013	8	13,717
Effort (hrs)	1,351.3	1,545.9	322.2	3,219.4

Station F02			
Species	June Total	July Total	Total
Broad whitefish	1	1	2
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	10	93	103
Burbot	0	0	0
Alaska blackfish	0	1	1
Slimy sculpin	0	13	13
Ninespine stickleback	35	36	71
Effort (hrs)	214.7	191.1	405.8

Station F04				
Species	June Total	July Total	August Total	Total
Broad whitefish	2	4	0	6
Humpback whitefish	1	0	0	1
Least cisco	0	2	0	2
Round whitefish	0	1	1	2
Arctic grayling	157	44	21	222
Burbot	0	0	0	0
Alaska blackfish	0	0	0	0
Slimy sculpin	1	8	0	9
Ninespine stickleback	281	24	0	305
Effort (hrs)	215.5	269.2	161.0	645.7

Station F06/F06A			
Species	F06 Total	F06A Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	0	2	2
Burbot	0	0	0
Alaska blackfish	32	4	36
Slimy sculpin	0	0	0
Ninespine stickleback	345	1,687	2,032
Effort (hrs)	188.8	189.3	378.2

Station F01				
Species	June Total	July Total	August Total	Total
Broad whitefish	0	3	0	3
Humpback whitefish	0	0	0	0
Least cisco	0	3	0	3
Round whitefish	0	0	0	0
Arctic grayling	105	1,266	23	1,394
Burbot	0	0	1	1
Alaska blackfish	2	0	0	2
Slimy sculpin	0	15	0	15
Ninespine stickleback	369	14	8	391
Effort (hrs)	213.3	260.3	161.2	634.8

Station F03/F03A			
Species	F03 Total	F03A Total	Total
Broad whitefish	0	145	145
Humpback whitefish	0	4	4
Least cisco	0	48	48
Round whitefish	0	3	3
Arctic grayling	0	124	124
Burbot	0	1	1
Alaska blackfish	34	9	43
Slimy sculpin	0	0	0
Ninespine stickleback	390	293	683
Effort (hrs)	211.6	262.2	473.8

Station F05 (CK 16)			
Species	June Total	July Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	2	0	2
Burbot	0	0	0
Alaska blackfish	17	2	19
Slimy sculpin	0	0	0
Ninespine stickleback	8,810	69	8,879
Effort (hrs)	187.8	182.5	370.4

Station F07 (CK 17)			
Species	June Total	July Total	Total
Broad whitefish	0	0	0
Humpback whitefish	0	0	0
Least cisco	0	0	0
Round whitefish	0	0	0
Arctic grayling	0	0	0
Burbot	0	0	0
Alaska blackfish	8	9	17
Slimy sculpin	0	0	0
Ninespine stickleback	466	890	1,356
Effort (hrs)	119.4	191.3	310.7

Catches of fish by fyke nets in eastern NPRA creeks during 2004.

SPECIES	B0401		F0401		F0402		F0405		F0406		F0407		U0102		U0301
	(DS)	(US)	(DS)	(US)	(DS)	(US)	(DS)	(US)	(DS)	(US)	(DS)	(US)	(DS)	(US)	
Chinook salmon	26	96	4	3	1	15	1	2					1	3	
Broad whitefish	6	18											22	43	11
Humpback whitefish	5	7	1										4	8	1
Least cisco	3														
Round whitefish	1,486	351	621	405	149	181	5	11	2		17	4	4	77	651
Arctic grayling			1	2											
Burbot			2	2	1	56		53	29	4					
Alaska blackfish	245	693	51	650	512	4,989	87	14	1,074	444	2,713	5		220	71
Ninespine stickleback	14	3	4	4	1	36	2	8				1			4
Slimy sculpin															
Total catch	1,785	1,170	680	1,064	666	5,277	90	29	1,138	475	2,717	23	30	348	738
Effort (hours)	466.0	467.1	278.9	527.2	525.2	389.6	50.1	50.3	311.3	215.3	259.6	94.8	284.0	305.3	303.2

Location of fyke net stations fished on NPRA creeks during 2004.

Station	Location	Dates Fished	NAD83	
			Latitude	Longitude
B0401DS	Bill's Creek (trib to Ublutuoch)	Jul 13-Aug 24	70.22592	151.26387
B0401US	Bill's Creek (trib to Ublutuoch)	Jul 13-Aug 24		
F0401	Searay Creek (trib to Ublutuoch, CK0301)	Jun 16-Jul 12	70.27969	151.33000
F0401DS	Searay Creek (trib to Ublutuoch, CK0301)	Jul 13-Aug 24		
F0401US	Searay Creek (trib to Ublutuoch, CK0301)	Jul 13-Aug 24		
F0402	trib to Ublutuoch (CK0302 in 2003 Report)	Jun 16-Jul 16	70.30246	151.27462
F0402DS	trib to Ublutuoch (CK0302 in 2003 Report)	Jul 29-30		
F0402US	trib to Ublutuoch (CK0302 in 2003 Report)	Jul 29-30		
F0405	Fish Ck trib (CK16C in 2003 Report)	Jun 16-Jul 31	70.27519	151.48118
F0406	Fish Ck trib(F0306A in 2003 Report)	Jun 18-Jul 11	70.28360	151.29025
F0407	Fish Ck trib(F0307A in 2003 Report)	Jun 16-Jul 12	70.27310	151.54366
U0102	Ublutuoch River (as in 2003 Report)	Jul 14-17	70.24875	151.29120
U0102DS	Ublutuoch River (as in 2003 Report)	Jul 30-Aug 24		
U0102US	Ublutuoch River (as in 2003 Report)	Jul 30-Aug 24		
U0301	Ublutuoch River (as in 2003 Report)	Jun 16-Jul 13	70.23952	151.30293

DS = net catching fish moving downstream

US = net catching fish moving upstream

SP

20

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04-459

Add new stream

330.00.10890-
2017-3007

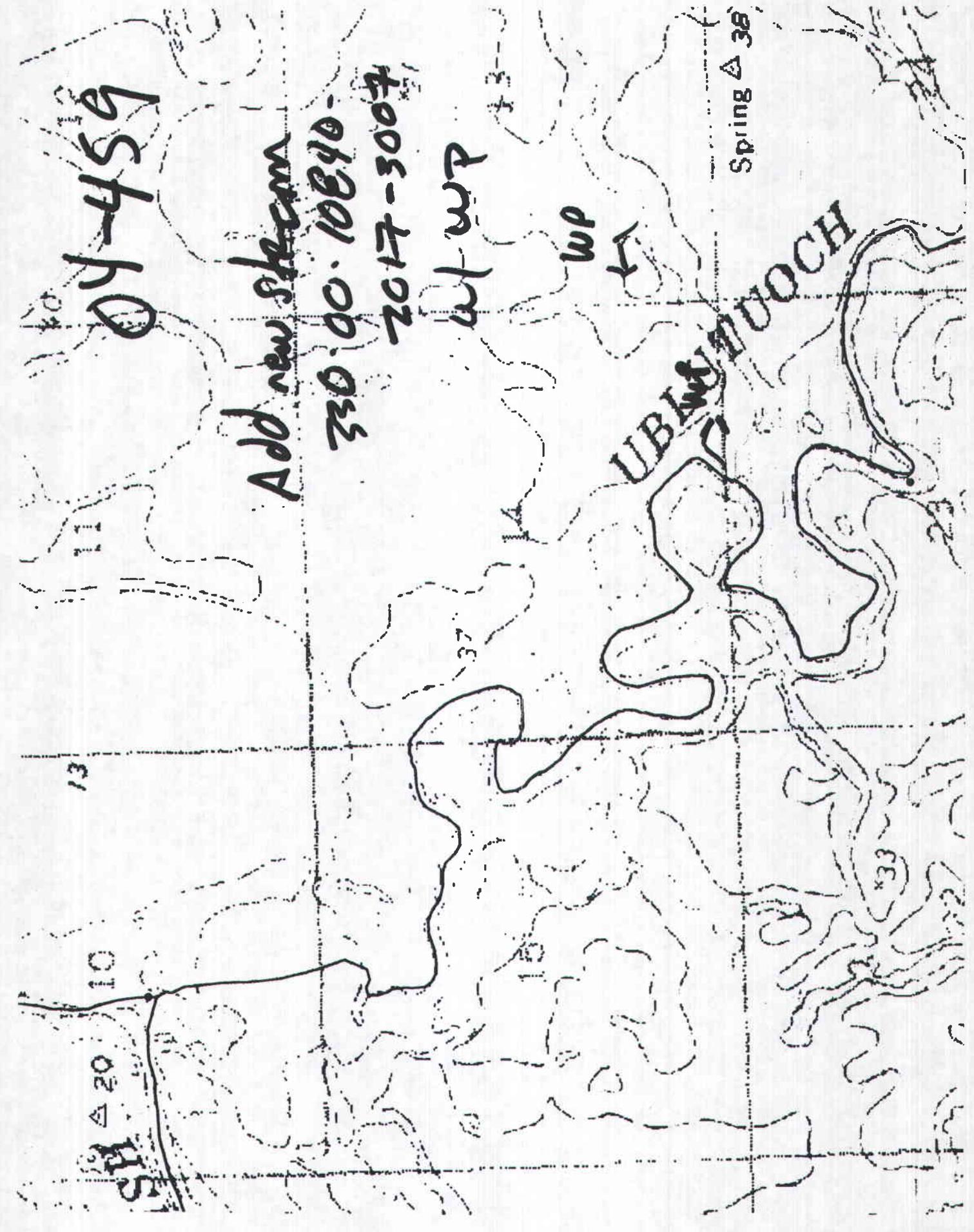
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UBIWAUOCH

Spring 38





State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region USGS Quad
 Anadromous Water Catalog Number of Waterway
 Name of Waterway USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>03 219</u>	<u>[Signature]</u>	<u>4/2/03</u>
Revision Year: <u>2003</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>21 Apr 03</u>
Both <input checked="" type="checkbox"/>	AWC Project Biologist	Date
Revision Code: <u>A-11</u>	<u>[Signature]</u>	<u>12/16/03</u>
	Drafted	Date

OBSERVATION INFORMATION

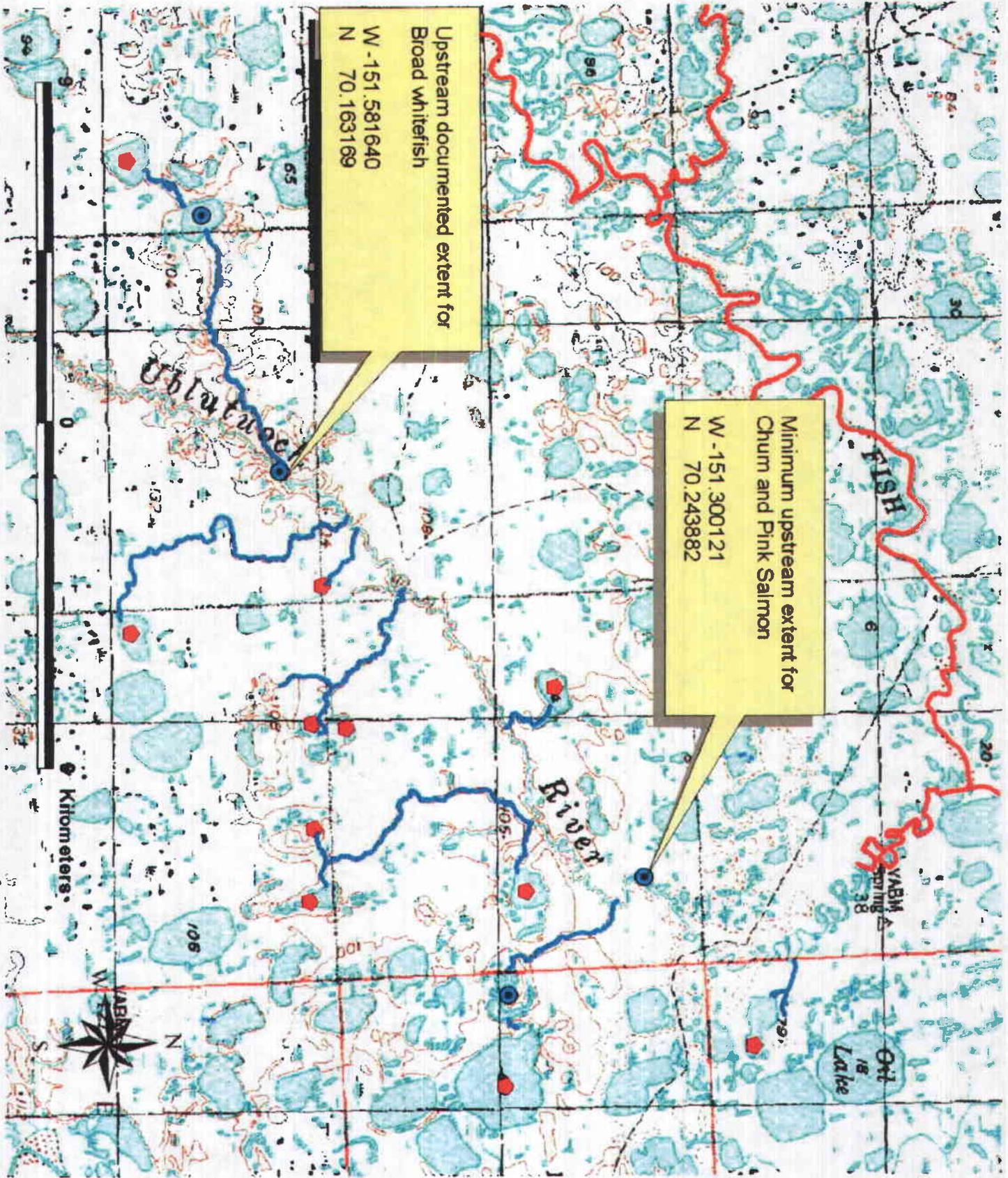
Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Broad Whitefish	00/00/2001			1	<input type="checkbox"/>
Pink Salmon	00/00/2000	5			<input checked="" type="checkbox"/>
Chum Salmon	8/26/2002			1	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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 is to extend the Anadromous designation on the Ublutuoch River upstream from the existing cataloged extent. Stream and lake sampling of the Ublutuoch River during 2001 identified extremely high use of the system by broad whitefish. The upstream most connected lake sampled in the system contained anadromous broad whitefish, while only one was captured in gill nets, sets were very brief (1-hour) because so many fish were observed in the lake high mortality was avoided by using the short sets. Sets were designed only to identify the species in the lake not to document numbers of fish in the lake. Fishing of the upstream most lake was conducted by MJM Research ((360) 468-4821). We use this sampling data as evidence for extending the extent of anadromous fish use of the Ublutuoch River Main Channel to the confluence of the tributary draining the upstream-most sampled lake and the Ublutuoch River (see attached map). Additionally, MJM Research scientists identified 5 or more Pink Salmon carcasses on the banks of the Ublutuoch River in the vicinity identified on the attached map in 2000. At the same location, fyke net sampling in 2001 identified many anadromous broad and humpback whitefish as well as one green hen Chum Salmon.
 Circular symbols on map represent fish in hand data, octagon symbols represent areas added by inference (in subsequent

Name of Observer (please print): William Morris 2017 Nov 4 / PCHP, ALP, WDP
 Signature: [Signature] Date: 3/24/2003
 Address: 1300 College Rd.
Fairbanks AK 99701

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.
 Signature of Area Biologist: [Signature] Revision 3/97



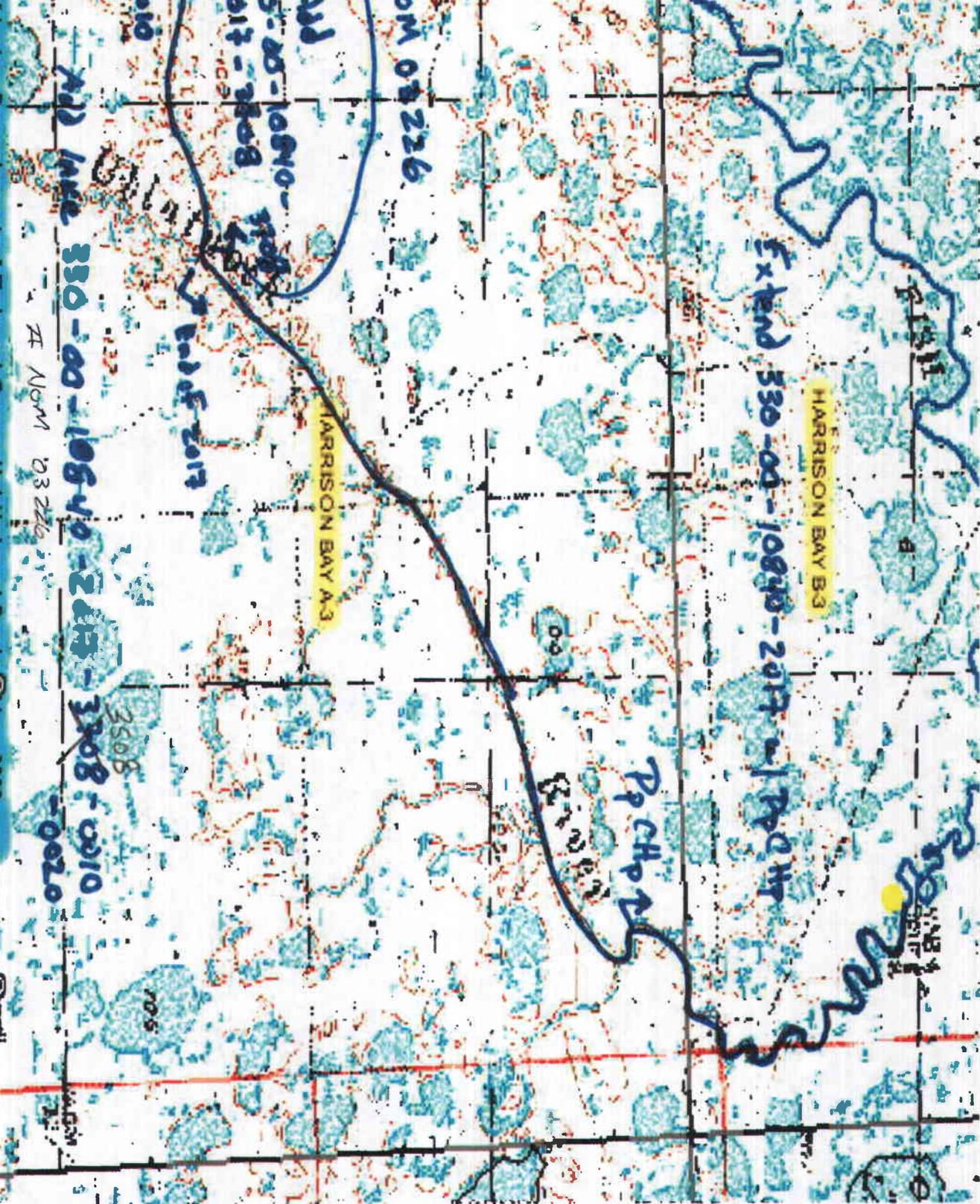
Upstream documented extent for
Broad whitefish
W -151.581640
N 70.163169

Minimum upstream extent for
Chum and Pink Salmon
W -151.300121
N 70.243882



Kilometers





UOM 02226

Add

330-05-10840-2017-2017-2017

End of 2017

Extend 330-04-10840-2017-2017

HARRISON BAY B3

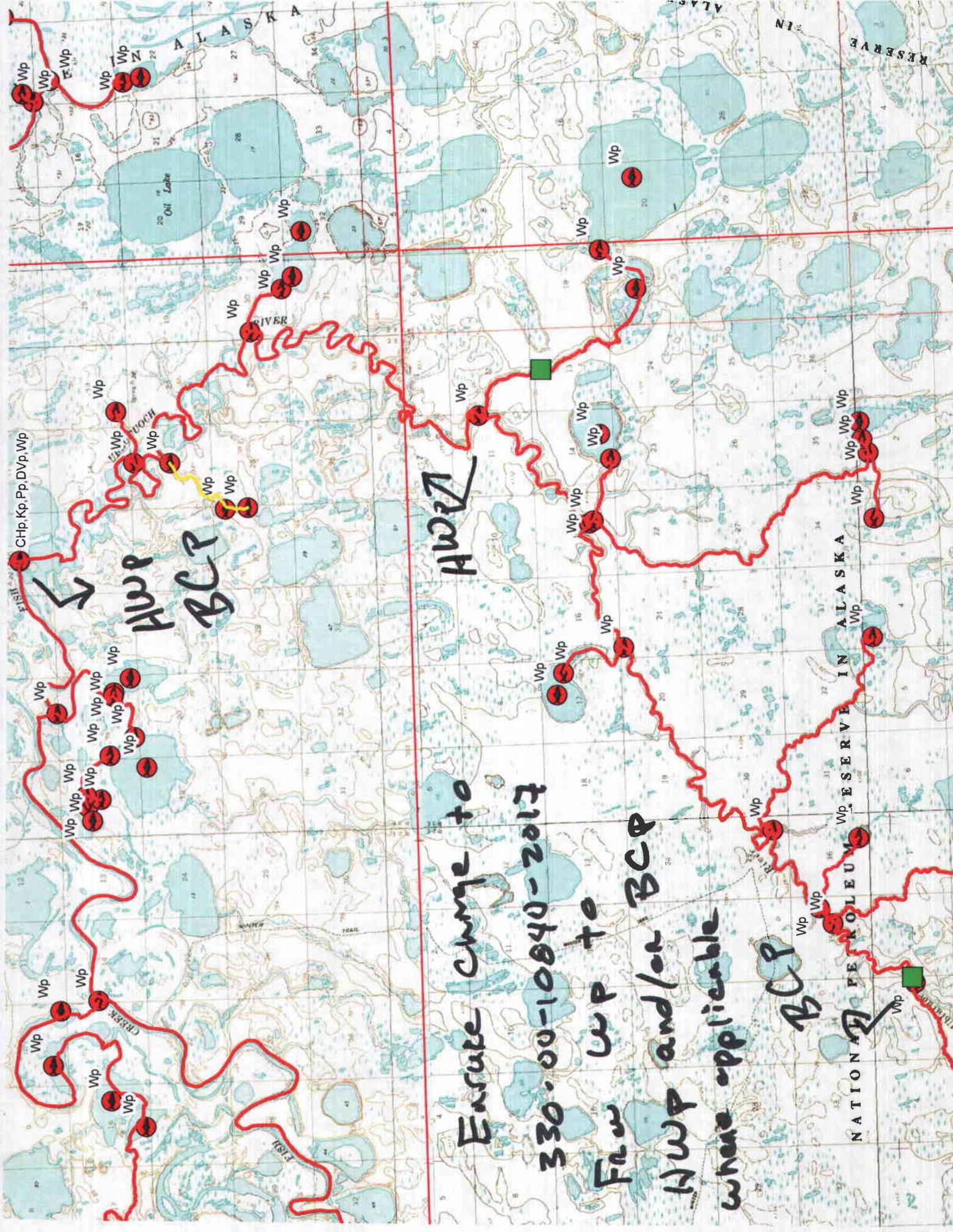
PPCHP

Extend

Add Unit 330-00-10840-2017-2017-2017

UOM 03226

3308-0010-0020



HWZ

HWP
BCP

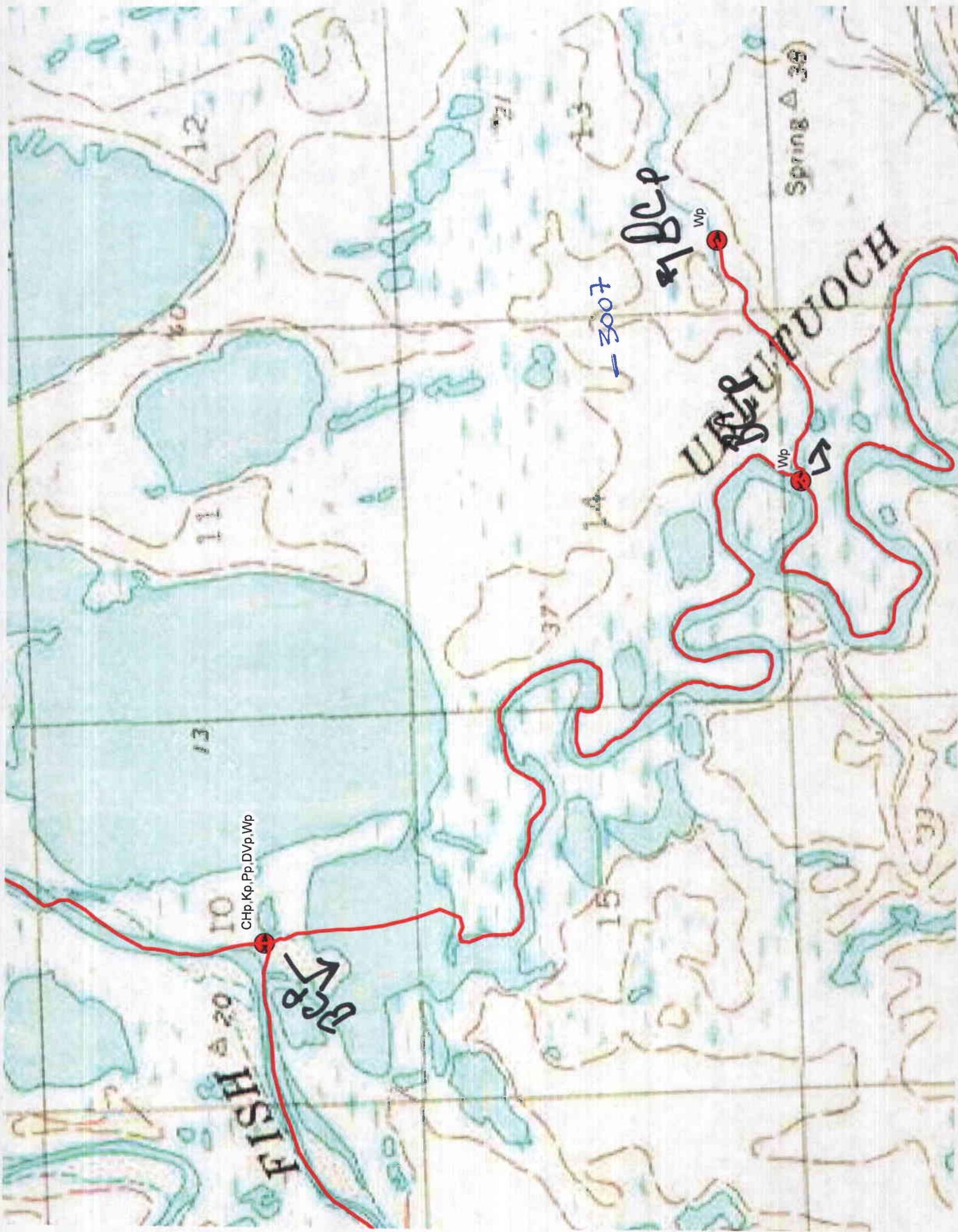
Ensure change to

330-00-10840-2017

From Wp to BCP

HWP and/or BCP
where applicable

BCP



CHp, Kp, Pp, DVp, Wp

FISH

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BPP

Wp

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Spring Δ 39

Uppanooch

Wp

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