



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

ALASKA DEPT. OF FISH & GAME
2004

Region ARCTIC

USGS Quad Harrison Bay B-2

Fish Distribution Database Number of Waterway 330-00-~~10788~~ 10800-~~10800~~ 10800-~~10800~~

Name of Waterway Nigliq West Highwater Channel and Lake System USGS Name Local Name 2004

Addition Deletion Correction Backup Information

For Office Use

ARCTIC 2-24-05 10800-2004-3002

Nomination #	<u>04 457</u>	<u>[Signature]</u>	<u>2/24/05</u>
Revision Year:	<u>2006</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>12-15-04</u>
	Both <u>✓</u>	FDD/Project Biologist	Date
Revision Code:	<u>A-2</u>		
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Broad whitefish (BDWF)	July and August 2003		X	x	<input checked="" type="checkbox"/>
Humpback whitefish (HBWF)	July and August 2003		X	x	<input checked="" type="checkbox"/>
Least cisco (LSCI)	July and August 2003		X	x	<input checked="" type="checkbox"/>
Arctic Grayling (AG)	July and August 2003		X	x	<input type="checkbox"/>
Round whitefish, Burbot	July and August 2003		X	x	<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: The Nigliq West HW channel is a complex stream lake system connected to the Colville River Nigliq Channel during spring flood events. All lakes sampled but F16 contained anadromous fish. The channel itself (F15) had numerous anadromous whitefish as did a backwater of the channel (F10). A subtable of Table 3 (containing only sites in this nomination area) from Table 3 of "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. is attached. The channel and lakes identified in the attached map, are nominated for inclusion in the Anadromous Catalog.

Add new streams and lakes w/ BWP

Name of Observer (please print): William Morris
 Signature: [Signature]
 Address: AK, Dept Nat Resources, OHMP
1300 College Road, Fairbanks, AK 99701

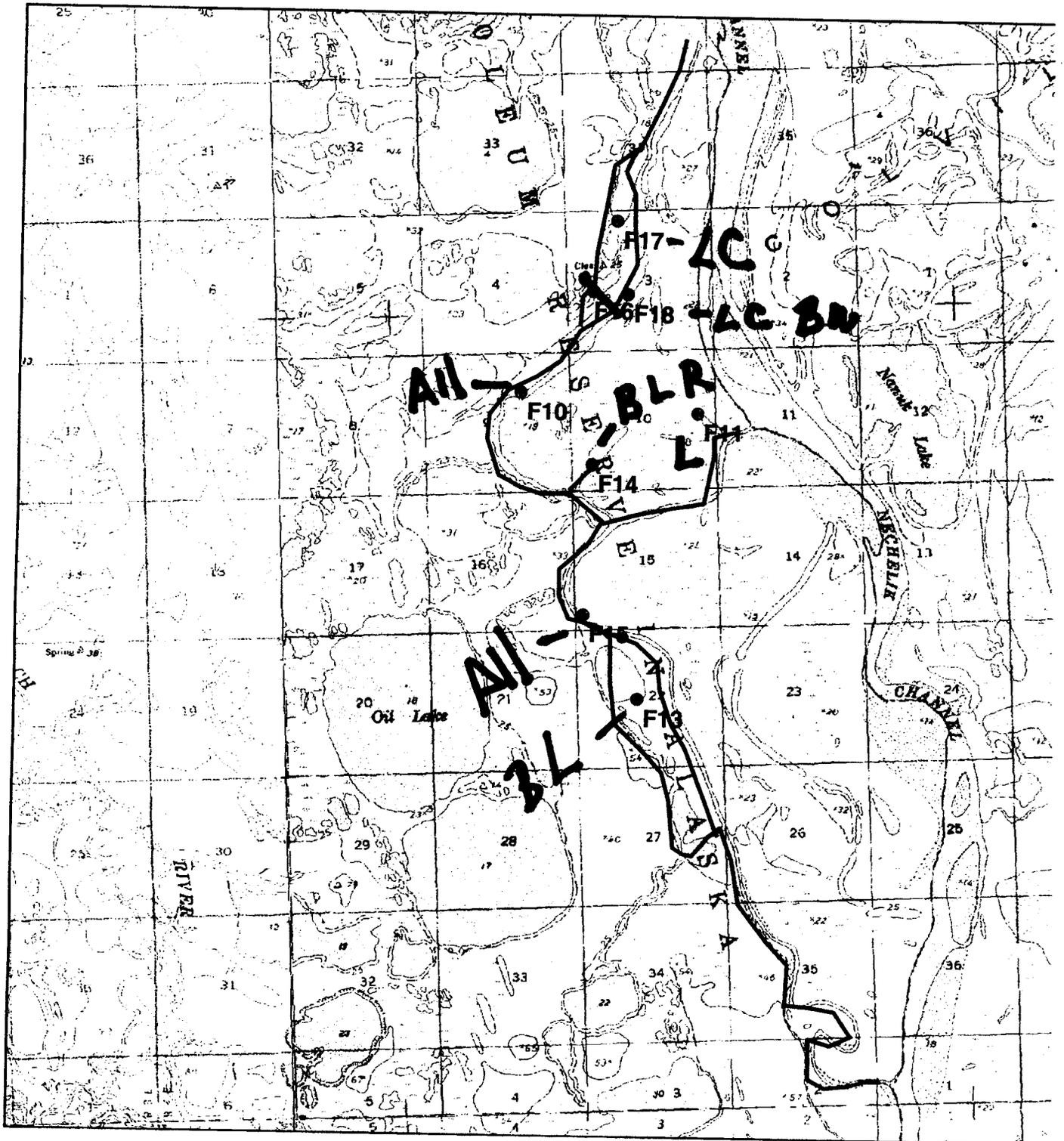
Date: 11/9/2004

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: [Signature]
 Name of Area Biologist (please print): JOHN BUCK

Revision 04/03

Nigliq Channel High Water Channel/Lake Harrison Bay, B-2



MJM Research LLC, 2003 Data

Site	Northing	Westing	Type	Anadromous Spe
F10	70.32516	-151.12877	Back water	BDWF, HBWF, L
F11	70.32244	-151.07678	Lake	LSCI
F13	70.29295	-151.09669	Lake	BDWF, LSCI
F14	70.31739	-151.10835	Lake	BDWF, LSCI
F15	70.30194	-151.11203	Side channel	BDWF, HBWF, L
F16	70.33539	-151.10665	Lake	
F17	70.34249	-151.09907	Lake	LSCI
F18	70.33497	-151.08649	Lake	BDWF, LSCI

Table 3. Fish caught by fyke net in the Alpine West region of eastern NPR-A during 2003.
Table has been abridged from report table to include only fyke nets sites from the area covered in this nomination.

	F10	F11	F13	F14	F15	F16	F17	F18
	back- water	perched lake	perched lake	tapped lake	side channel	perched lake	perched lake	perched lake
Species								
Broad whitefish	37	0	15	64	46	0	0	2
Humpback whitefish	2	0	0	0	2	0	0	0
Least cisco	13	3	30	3	9	0	3	2
Round whitefish	4	0	0	12	28	0	0	0
Arctic grayling	15	0	0	6	2	0	0	0
Burbot	3	0	1	2	0	0	0	0
Rainbow smelt	0	0	0	0	1	0	0	0
Longnose sucker	412	0	0	26	8	0	0	0
Alaska blackfish	0	30	0	0	0	0	0	0
Fourhorn sculpin	1	0	0	0	0	0	0	0
Slimy sculpin	0	1	0	0	0	0	4	0
Ninepinse stickleback	30	1076	98	5	2	3150	195	21
Effort hours	100.4	101.2	112.1	99.5	96.7	73.8	67.9	68.5

