

State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

Region ARCTIC  USGS Quad Harrison Bay B-2

Anadromous Water Catalog Number of Waterway 330-00-10700-0910

Name of Waterway L93-11 USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>98 121</u>	<u>[Signature]</u>	<u>10-13-99</u>
Revision Year:		Regional Supervisor	Date
Revision to:	Atlas <u>[Signature]</u> Both <u>[Signature]</u>	<u>[Signature]</u>	<u>12/5/97</u>
Revision Code:	<u>F-1</u>	AWC Project Biologist	Date
		Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
LEAST CUSCO	11-2-95		X	X	<input checked="" type="checkbox"/>
BROAD WHITEFISH	11-2-95		X	X	<input checked="" type="checkbox"/>
LEAST CUSCO	7-14-97		X	X	<input checked="" type="checkbox"/>
BROAD WHITEFISH	7-14-97		X	X	<input checked="" 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: SEE ATTACHED PAGES FROM MOULTON (1997). LAKES SAMPLED FOR FISH IN AND NEAR COLVILLE RIVER, ALASKA 1979-1996

DAILY REPORT NO. 6 ATTACHED

ALASKA DEPT. OF FISH & GAME

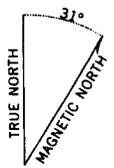
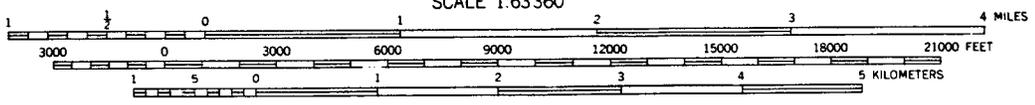
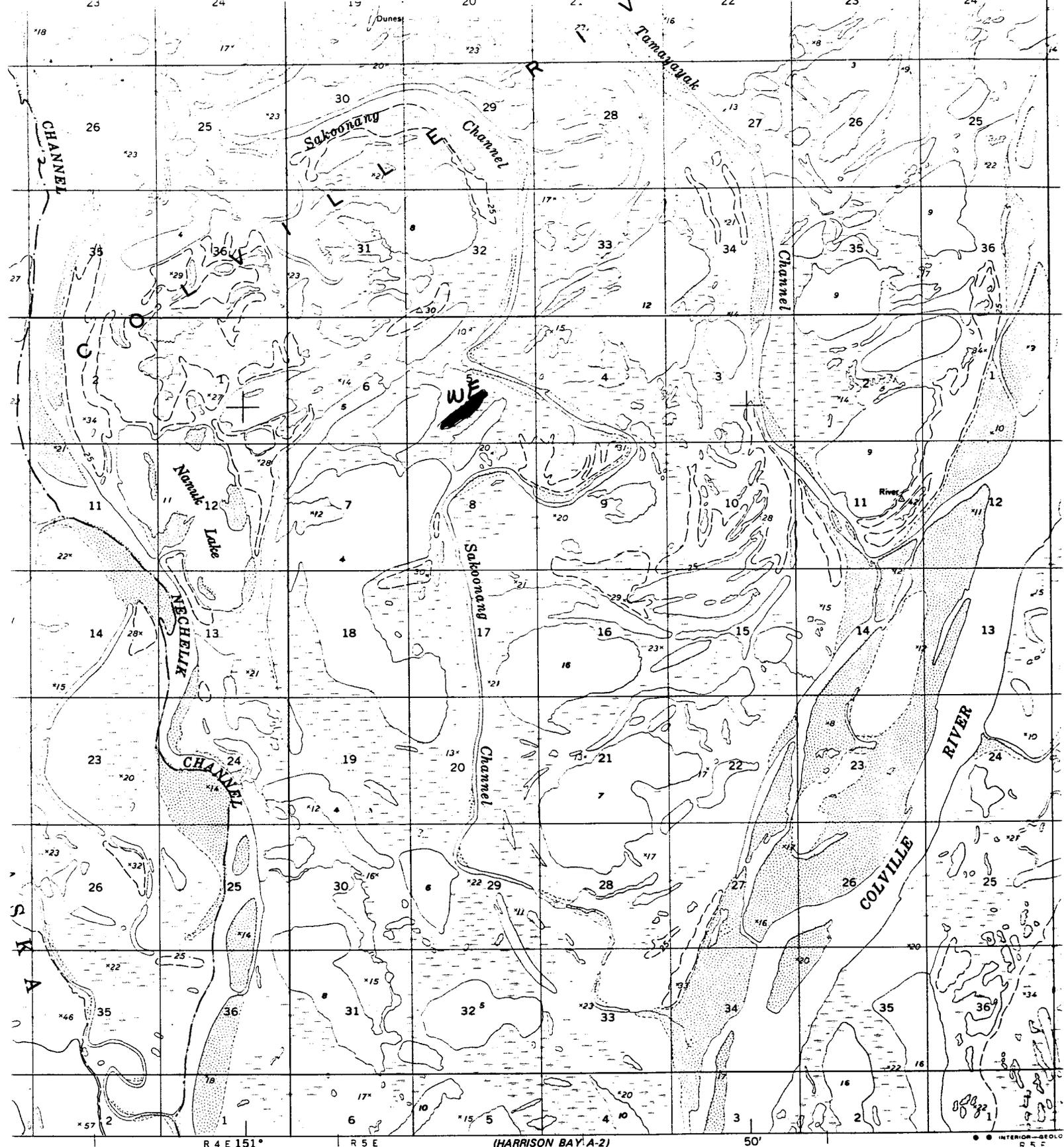
Name of Observer (please print) LARRY MOULTON
 Date: _____ Signature: MGM RESEARCH
 Address: 5460 NE TOLO ROAD
BAINBRIDGE ISLAND, WA 98110

OCT 28 1997

REGION II HABITAT AND RESTORATION DIVISION

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]



APPROXIMATE MEAN DECLINATION, 1955

CONTOUR INTERVAL 50 FEET
 DASHED LINES REPRESENT 25-FOOT CONTOURS
 NATIONAL GEODETIC VERTICAL DATUM OF 1929
 SOUNDINGS IN FEET—DATUM IS MEAN LOWER LOW WATER
 SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 THE MEAN RANGE OF TIDE IS APPROXIMATELY 0.5 OF A FOOT

FOR SALE BY U. S. GEOLOGICAL SURVEY
 FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
 A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



may be private inholdings within the boundaries of

Ott, Al

From: 'Lmoulton1@aol.com'
To: Ott, Al; Hemming, Carl; 'joyce#m#_michael_r@mssmail.aai.arco.com'
Subject: Alpine 1997 Fish Survey Daily Report No.
Date: Monday, July 14, 1997 8:24PM

Original Subject:
Alpine 1997 Fish Survey Daily Report No. 6

Alpine Project Fish Survey
Daily Report No. 6
July 14, 1997
by
Lawrence Moulton
MJM Research

Checked nets in L9310 through L9313. Catches were as follows:
L9310: 1 least cisco (283 mm), 6 ninespine stickleback
L9311: 31 ninespine stickleback
L9312: 3 ninespine stickleback, 1 Alaska blackfish
L9313: 5 ninespine stickleback, 8 Alaska blackfish

The one least cisco from L9310 received a tag.

Gill nets were set in two lakes as a trial to see if tagable fish could be obtained through short duration sets. Nets were set in L9310 and L9311. Results were as follows:

L9310: 5 least cisco caught, 2 escaped, 3 tagged (446 mm fish in good condition, 298 mm fish in fair condition, 346 mm fish in poor condition); 2 broad whitefish tagged (576 mm fish in good condition, 437 mm fish in fair condition).

L9311: 3 least cisco caught, 2 tagged, 1 mortality (310 mm in excellent condition, 312 mm in fair condition, 297 mm mortality); 1 broad whitefish tagged (670 mm in excellent condition).

Results: fyke net (4 lakes) - 1 least cisco tagged
gill net (2 lakes) - 5 least cisco, 3 broad whitefish tagged (one least cisco in poor condition, 1 least cisco mortality)

Plan for July 15: Check nets in L9310, L9311, L9312 and L9313; measure and mark all cisco and whitefish, measure all non-sticklebacks, count or estimate number of sticklebacks. May continue with gill netting if it is determined to be suitable.

Weather rain most of the day, no wind, temperatures in the upper 30's to low 40's.

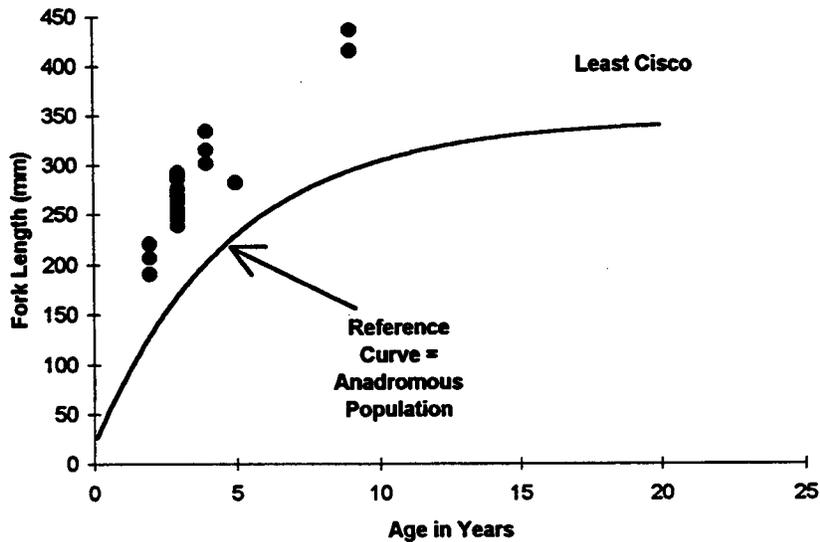
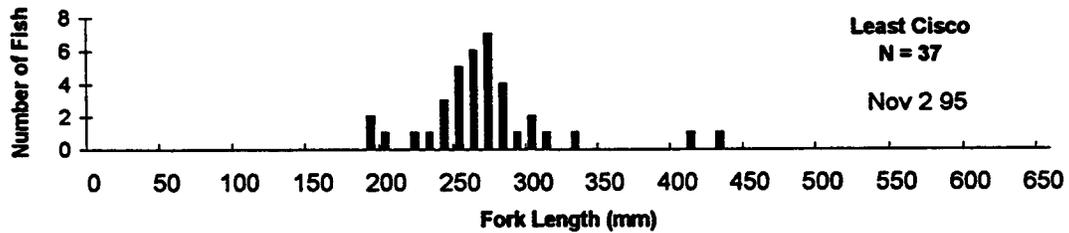
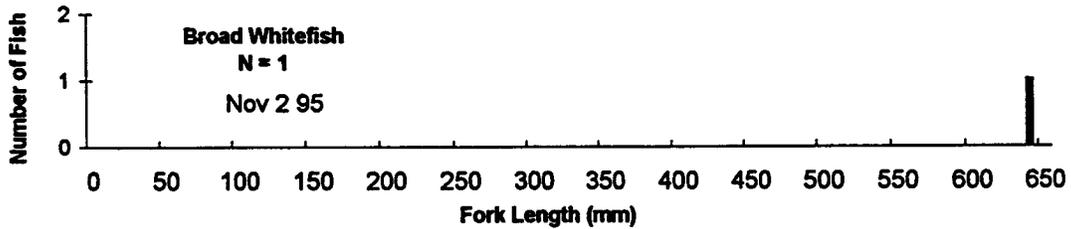
Lake L9311

Other Names: none

Location: 70°19.98'N 150°55.64'W; Harrison Bay B-2: T11N R5E, Sect 5

Habitat: Perched Lake (Infrequent Flooding)

Catch Record:		Effort	Number Caught	
Gear	Date	(hours)	Species	
Fyke Net	Jul 13 95	22.6	9spine stickleback	460
Fyke Net	Jul 25 95	26.9	9spine stickleback	39
2 Minnow Traps	Jul 13 95	38.6	None	0
Set Line	Jul 13 95	22.7	None	0
Gill Net	Nov 2 95	20.8	Least cisco	37
			Broad whitefish	1



L9311

70°19.98'N 150°55.64'W

Area = 22 acres

Max. Depth=12.5'

Conductivity=98 umhos

