149

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

Region: ARCTIC

USGS Quad: HARRISON BAY A-1, HARRISON BAY B-2, HARRISON BAY B-1

Anadromous Water Catalog Number of Waterway: 330-00-10700-2090

Name of Waterway: KACHEMACH

☒ USGS Name ☐ Local Nam

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	98 105		
Revision Year:		Regional Supervisor	10-13-97 Date
Revision to: Atlas ____ Catalog ____ Both ____		AWC Project Biologist	12/1/97 Date
Revision Code:	A-2 A-5	Drafted	12/2/97 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
BROAD WHITEFISH	6/22/97		X	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:

SEE ATTACHED DAILY REPORT

ALASKA DEPT. OF FISH & GAME
OCT 13 1997
REGION II
HABITAT AND RESTORATION DIVISION

Name of Observer (please print): LARRY MOULTON

Date: _____ Signature: MGM RESEARCH

Address: 5460 NE TOLO RD.
BAINBRIDGE ISLAND, WA 98110

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: _____

Revision 11/96

Ott, Al

From: 'Lmoulton1@aol.com'
To: Ott, Al; 'joyce#m#_michael_r@msmail.aai.arco.com'; Hemming, Carl
Subject: Tarn Fish Survey Daily Report No. 4
Date: Sunday, June 22, 1997 10:59PM

Tarn Project Fish Survey
Daily Report No. 4
for
June 22, 1997
by
Lawrence Moulton
MJM Research

June 22: Checked Miluveach River fyke nets at 10:10. Both were up and fishing fine.
Net 1 (facing upstream): 3 arctic grayling, 1 round whitefish
Net 2 (facing downstream): 30 arctic grayling.

-Grayling lengths ranged from 68 to 420 mm. Pre-spawning males were again caught, but no females have been detected.
-Round whitefish was 332 mm.

Kachemach Fyke Net was checked at 15:00. Catch = 33 arctic grayling (58-236 mm). No mature fish were caught.

Ten seine hauls were made in the Kachemach First Tributary beginning at the Tarn
Exploration Pad and progressing downstream to the mouth. Two potential fish barriers were encountered, the upstream falls is about 150 yds downstream from the Shannon-Wilson cross-section (GPS reading 70o11.09N 150o20.23W); the second is farther downstream at 70o11.17N 150o21.31W. The downstream falls is only a partial barrier as 5 fish were observed upstream from this location, but below the upper falls. One of the fish from a school of four observed in the reach between the two falls was captured; an arctic grayling 152 mm. The other three were similar in size and likely also grayling.

Two large fish were observed downstream from both falls. One was captured after some effort, it was a broad whitefish, 515 mm, and appeared to be a post-spawner (from last fall). The other one was similar sized and was also likely a broad whitefish.

Total Catch from Kachemach Trib 1: 1 arctic grayling (152 mm), 1 broad whitefish (515 mm). Approximately 7 additional small fish (less than 200 mm) and one additional large whitefish were observed.

Water parameters were measured at the Miluveach, Kachemach and the First Kachemach Trib.

Plan for June 23: Check Miluveach and Kachemach fyke nets, reset if