

AWC Volume (SE) SC SW W AR IN USGS Quad Juneau D5
 Anadromous Water Catalog Number of Waterway 115-31-10450
 Name of Waterway unnamed USGS name _____ Local name _____
 Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>95 245</u>	<u>AMH</u> Regional Supervisor	<u>5/13/04</u> Date
Revision Year: <u>—</u>	<u>JP</u>	<u>12-15-94</u>
Revision to: Atlas _____ Catalog _____		<u>09/22/09</u>
Revision Code: <u>F-1</u> Both <u>—</u>	<u>CB</u> Drafted	<u>10/14/04</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Pink Salmon</u>	<u>8/30/94</u>	<u>X</u>			<u>X</u>

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: Numerous pink salmon were observed spawning intertidally and approximately 400 feet upstream from the mouth. Many were also observed dead on the banks.

See attached sheets previously mapped for P₅ non 99-007

ALASKA DEPT. OF FISH & GAME
 DEC 19 1994
 REGION II HABITAT AND RESTORATION DIVISION

Name of Observer (please print) JOEYLYNNE CATERINICHIO
 Date: _____ Signature: Joey Caterinichio
 Address: C/O FPE Roen Lochner JV Box 34797, Juneau, AK 99803

This certifies that in my best professional judgement 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]

5.2.12 STREAM#10W

LOCATION*: LAT N 58° 55' 27.9" LONG W 135° 22' 44.4 JUNEAU D5

ADF&G CATALOG #: 115-31-10450

SPECIES IDENTIFIED ADF&G: Dolly Varden, cutthroat, chum salmon

This stream has been submitted to The Alaska Department of Fish and Game to be cataloged as an anadromous stream for the identification of coho and pink salmon.

DESCRIPTION OF OVERALL STREAM:

This stream flows three miles and empties into Snug cove. This stream originates 2,000 feet in elevation and flows through a wide, moderate gradient U-shaped valley. The average width is ten feet and the depth increases to three feet in pools upstream. More channels and gravel bars are observed upstream from the proposed road crossing.

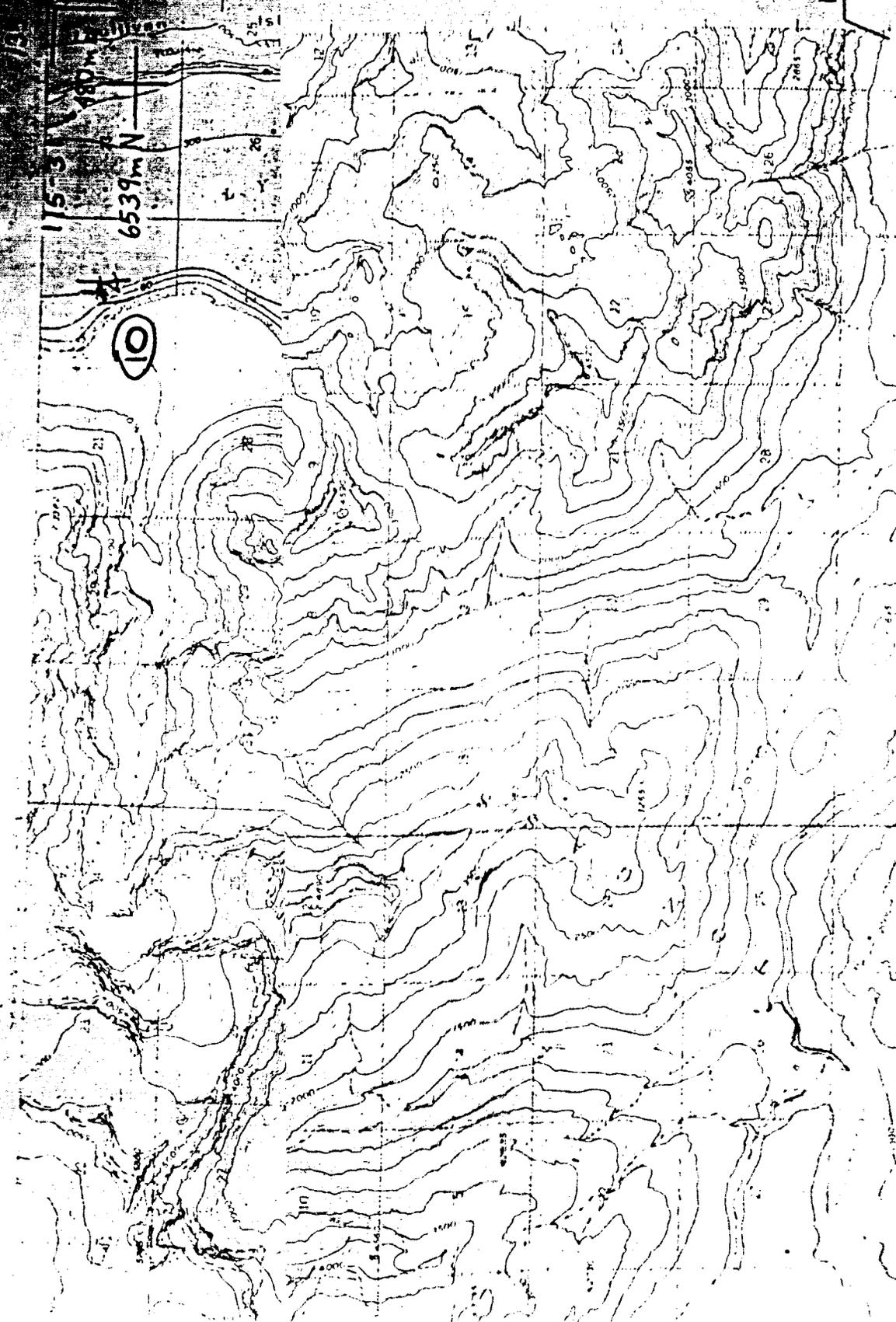
The banks are heavily populated with alder, which forms a low canopy cover over stretches of the stream making the access difficult. The average canopy cover over the whole stream is 30 percent. Its predominant vegetation consists of: Sitka spruce and alder, willow, cow parsnip, fireweed, equisetum, lady fern and flowers are the predominant species upstream. No blockages were observed in the stream section surveyed. See Figure 4.2.12-1

DESCRIPTION OF STREAM AT THE PROPOSED ROAD CROSSING: The gradient is three percent, the width is ten to 20 feet, the depth is up to one-foot, the water is clear and has a low velocity. The road crossing lies within the adjacent floodplain. The stream meanders and flows through braided channels. The substrate is fairly uniform consisting of cobbles and spawning gravel. Gravel bars are scattered throughout the stream with shrubbery, grasses, and downed trees. Downed trees and other LWD are also observed in the stream. The two-foot banks are fairly stable, but gravel sloughing at the toe of the slope is observed. Avens, grasses, and sedges are predominant on the banks. A quarter mile away western hemlock, Sitka spruce and alder are predominant. Canopy coverage is ten percent.

FISH OBSERVED: Fish traps were set, but no fish were caught. Coho smolt were observed rearing in the system and, during the aerial flight surveys, Pink salmon were observed spawning throughout the stream.

EVALUATION OF HABITAT TYPE: SPAWNING AND REARING: The rearing potential of this stream appears to be very good. Numerous pools and bends in the stream provide suitable rearing habitat. Spawning habitat is also available. Adequate spawning gravel, pools, coverage, and LWD is available for fish habitat. Both spawning and rearing areas exist within the areas of the proposed bridge crossing.

WILDLIFE OBSERVED: Black bear and deer prints were observed on the beach. Two Arctic loons and six harbor seals were seen in the inlet in front of the stream. Two mature bald eagles were seen in the trees on the beach and fish were jumping in front of the stream mouth. Sixty harbor seals were spotted on a rock island in the bay near the mouth.



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