

Anadromous Water Catalog Volume Southeast Region 1

USGS Quad Petersburg C-6

Name of Waterway _____

Anadromous Water Catalog Number of Waterway _____

105-32-10670-2020

Change to X Atlas
 _____ Catalog
 _____ Both

Addition X

Deletion _____

Correction _____

Name addition:

USGS name _____

Local name _____

ALASKA DEPT. OF
 FISH & GAME

OCT 30 1991

REGION II
 HABITAT DIVISION

For Office Use

Nomination #	<u>92 087</u>
<u>Richard Reed</u> Regional Supervisor	<u>10/25/91</u> Date
<u>Ed Weir</u>	<u>2/20/92</u>
<u>FI</u> Drafted	<u>2/11/92</u> Date

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho</u>	<u>Spring/Summer 1991</u>	<u>X</u>	<u>X</u>	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Add tributary identified by USFS fishery biologist Carol Woody during road layout IDT process

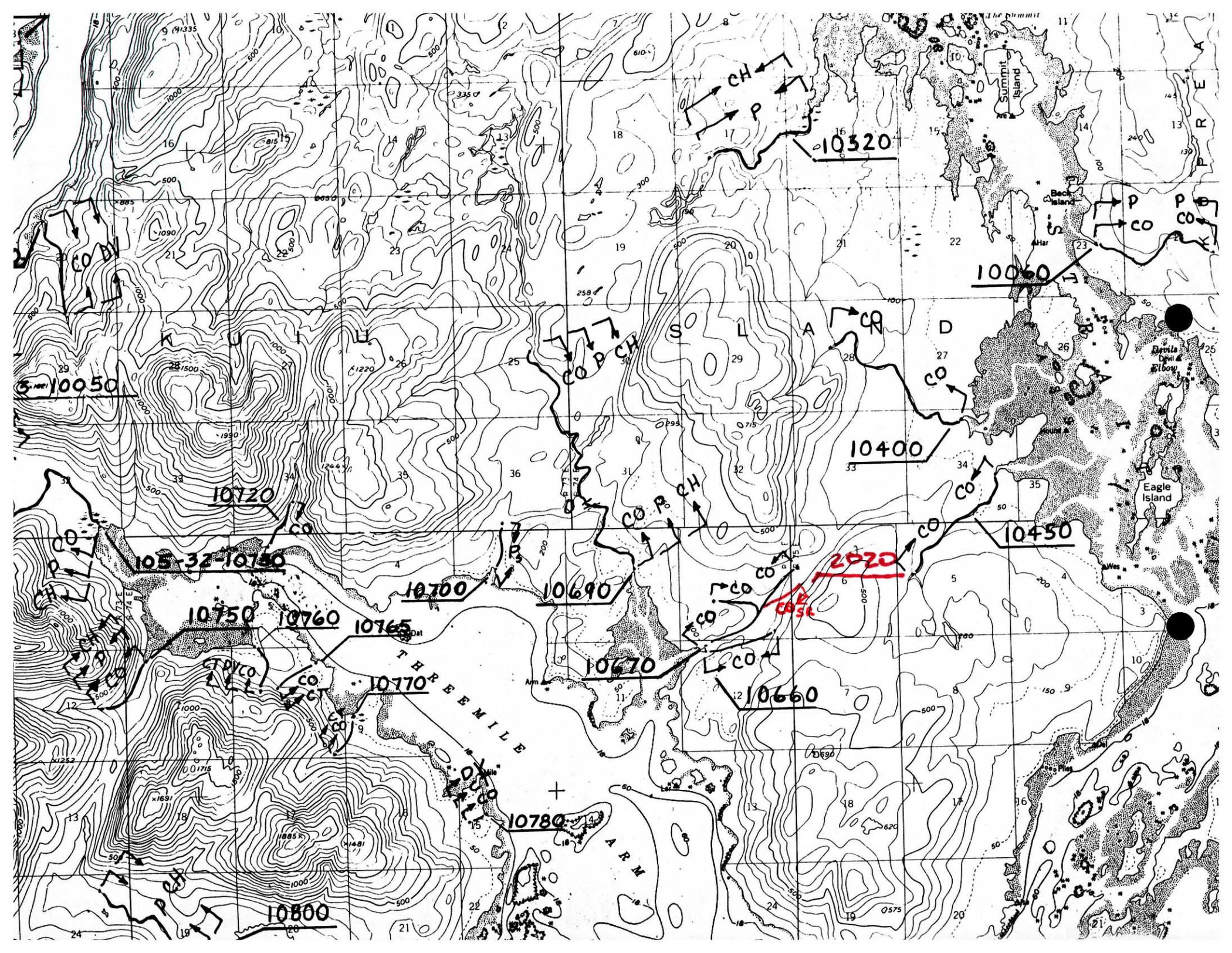
Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) Carol Woody

Date: 10/25/91 Signature: by Donald A. Cornelius

Address: ADFG P.O. Box 667
Petersburg AK 99833.

Signature of Area Biologist: Donald A. Cornelius



Reply To: PRD FWL, C.A.Woody

Date: 18 April 1991

Subject: 3 Mile Arm Fisheries Report

To: George Doyle acting for P.Tennis
cc: B. Darymple, S. Carlson, J. Edgington

This report contains survey observations and recommendations for fisheries resources relative to construction of road 6461, 3 Mile Arm. This report includes the streams between road stakes #11710 - #11920. Two streams, not yet numbered by the engineering survey, are also included. The survey was conducted by Mike Pellerin and C. Woody April 9 and 10.

Stake # Stream Description and Recommendations

- 11710 Class III - bedrock controlled V-notch with 10-20% gradients, small cascades and bedrock chutes preclude anadromous passage for .25 miles from planned road crossing, A6 CT. Channel then turns to a Class I B5 which feeds Hiller Creek. RECOMMENDATIONS - Because this stream feeds directly into a Class I, water quality is an important consideration. During road construction minimize sediment inputs to the stream, do not drain road ditches into the creek, and seed cut banks immediately after construction of crossing.
- 11920 Class III - bedrock controlled, with 10% + gradients, joins with stream 12310, turns to a Class I B2 after .25 miles, appears to be good pink and chum spawning and limited coho rearing habitat - Should be verified this fall. RECOMMENDATIONS - same as for 11710.
- 12310 Muskeg pool stream, potential Class II, changes to a bedrock controlled 2m wide channel for approximately 700m, then changes to a Class I B2. RECOMMENDATIONS - Fish presence needs to be verified for this creek before specific recommendations can be made. Based on observations, fish passage may be necessary; follow general recommendations for 11710. I will try to verify fish presence by the end of April. If construction reaches this creek before verification, provide fish passage.
- 16615 Class I - coho stream referred to as TM #2 in survey documents. Good spawning habitat exists in the upper reaches of this system and excellent rearing is available throughout the many beaver complexes - area surveyed was a B1 CT. RECOMMENDATIONS - to ensure long term fish passage of spawning and rearing fish, a bridge is recommended for this site; construction should take place between June

1 and Sept. 1. If problems arise due to this timing restriction, please consult with fisheries to determine alternatives. The site selected for the crossing looks ideal and no drainage problems are anticipated.

4 Flag Class I - This creek did not have a survey#, we hung 4 blue and white flags at the planned crossing to identify it. This stream is part of the TM #2 complex. Anadromous habitat extends to the beaver ponds in the upper reaches; the pond is marginal to poor rearing habitat. B1 channel type. RECOMMENDATIONS - same as for 16615.

5 Flag Class II - 5 blue and white striped flags identify this crossing. Small creek, <2m wide, gravel substrate, 4-10% gradient, tributary to TM#2. There is a concern with this site as blue clay was found along the banks at the flagged crossing. I would like to review this site with Sam C. to determine whether a better crossing location exists. Fish passage is recommended.

If there are any questions or concerns related to these recommendations, please contact me at ext.#135. Please inform me of any meetings or discussions related to Long Term road construction, I would like to know where we stand and if any problems arise. Thank you.

Carol Woody
fisheries biologist