

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

1988
 Year of Revision

88-164

Anadromous Water Catalog Volume Southeast Region 1

USGS Quad B/CRAIG C-4

Name of Waterway _____

Anadromous Water Catalog Number of Waterway _____

103-60-10490

OK

For Office Use

Nomination # _____	
<u>Richard Reed</u> Regional Supervisor	<u>10/16/87</u> Date
<u>SOS</u>	<u>11/17/87</u>
<u>JJ</u> Drafted	<u>11/12/87</u> Date

Change to _____ Atlas

_____ Catalog

_____ Both

Addition

Deletion _____

Correction _____

Name addition:

USGS name Unknown

Local name _____

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho Salmon</u>	<u>11-5-86</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

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

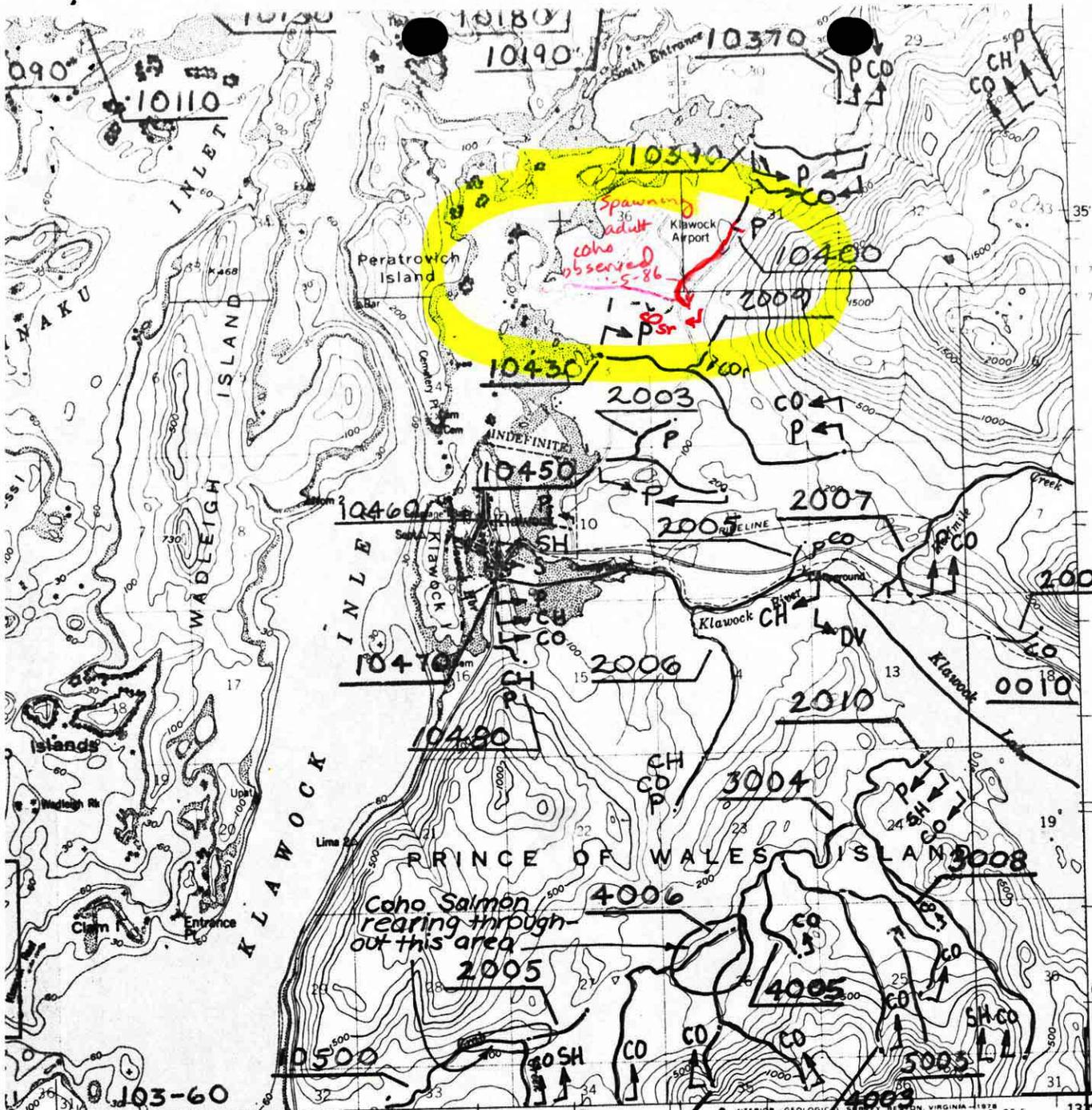
Spawning Coho observed 100 feet above culvert on Thorne Bay/Big Salt/Klawock road. Stream flows out of a watershed which will be logged next year (logging unit KNI). Did not follow stream to tidewater. This stream may cross the Klawock airport access road, or Attach a copy of a map showing location of 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) Jack Gustafson and Bill Hanson (ADNR)

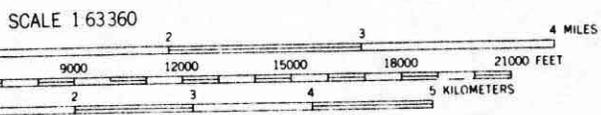
Date: 11-7-86 Signature: Jack Gustafson

Address: ADFG, 415 Main Ketchikan

Signature of Area Biologist: Jack Gustafson



D1
10/8
PSD
55°30' N
133°00' W
CRAIG B-3



ROAD CLASSIFICATION
Light-duty

TOUR INTERVAL 100 FEET
VERTICAL DATUM OF 1929
HORIZONTAL DATUM IS MEAN LOWER LOW WATER
DOTTED LINE REPRESENTS APPROXIMATE LINE OF MEAN HIGH WATER
TIDE RANGE OF TIDE IS APPROXIMATELY 8 FEET



CRAIG (C-4), ALASKA
N5530-W13300/15X20

1949
MINOR REVISIONS 1977

BY U.S. GEOLOGICAL SURVEY
DISTRIBUTION CENTER, RESTON, VIRGINIA 22092
PHOTOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

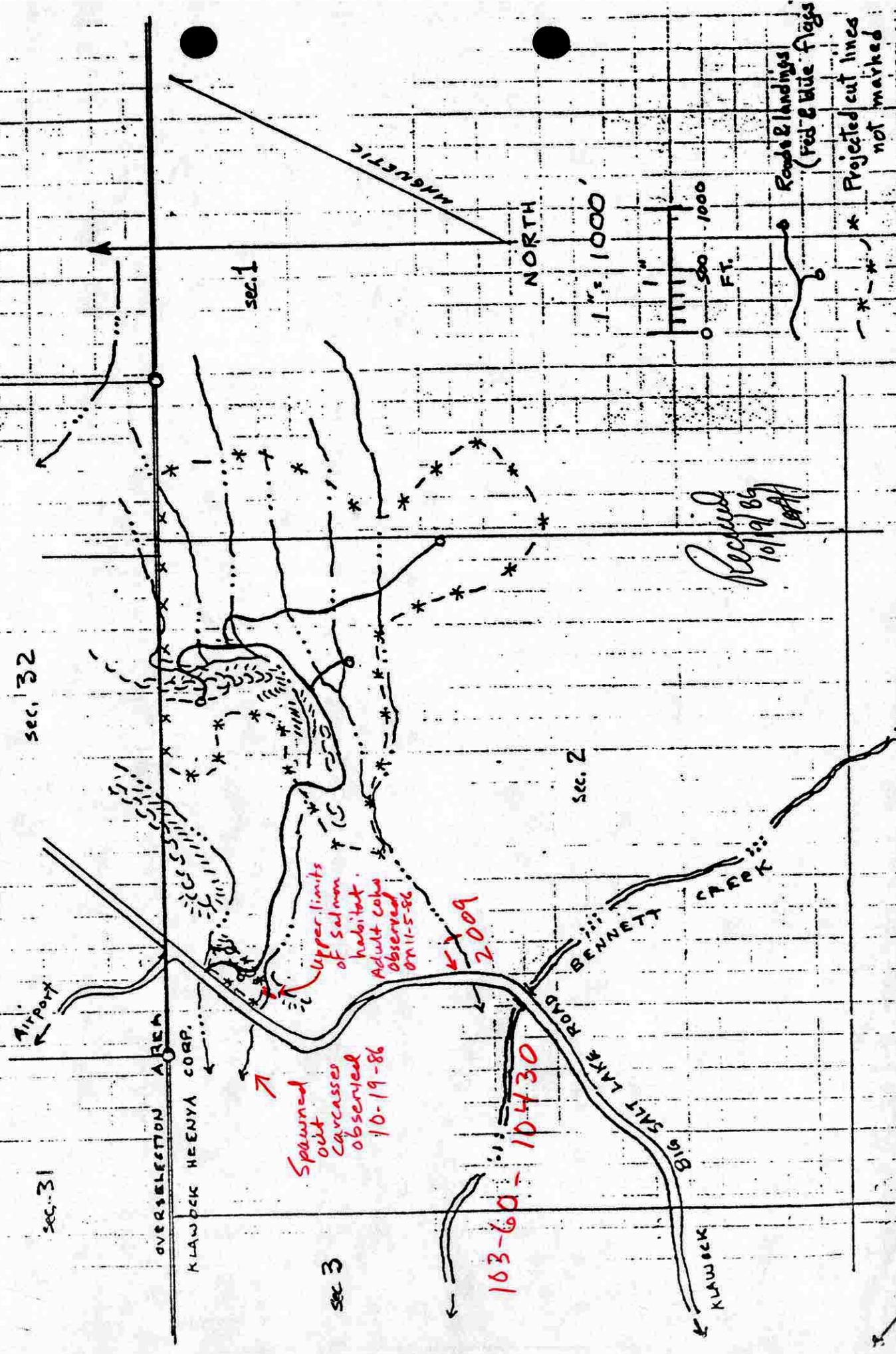
4WC63 30334 CRAIG C-4

MOUS STREAM CATALOG
WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)



BY
BB
PW
SJS
SJS

PRELIMINARY LAYOUT PLAN
KN-1 UNIT



sec. 32

sec. 31

sec. 1

sec. 2

sec. 3

Upper limits of salmon habitat. Adult coho observed 08-11-5-86

Spawning out carcasses observed 10-19-86

103-60-10430

209

209

Received
10/19/89
LGA

NORTH

MAGNETIC

1" = 1000'



Roads & Landings (Red & Blue Flags)
* Projected cut lines
- * - * - not marked

AIRPORT

OVERSELECTION AREA

KLAWBECK HEENYA CORP.

BENNETT CREEK

BIG SALT LAKE ROAD

KLAWBECK

State of Alaska
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Anadromous Water Catalog Volume Southeast - Regional
 USGS Quad (3) Craig C-4
 Name of Waterway 103-60-10400
 Anadromous Water Catalog Number of Waterway 103-60-10400

out

For Office Use

Nomination # _____	
<u>Reed Reed</u>	<u>10/16/87</u>
Regional Supervisor	Date
_____	_____
Drafted	Date

Change to X Atlas
 _____ Catalog
 _____ Both

Addition Extension

Deletion _____

Correction _____

Name addition:

USGS name None

Local name Unknown (Airport Creek?)

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>Coho</u>	<u>6-10-87</u>		<u>X</u>	

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

Appears to be extension of 103-60-10400. There are channels and beaver dams, and wetlands on both sides of the Klawock Airport access road which provide rearing habitat for numerous coho fry. It is not known at this time if this connects to the spawning habitat observed on 11-5-86 (see sheets dated 11-7-86). Road realignment

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.

proposed
 by ~~ADG~~
 ADG/PF

Name of Observer (please print) Jack Gustafson

Date: 10-14-87 Signature: Jack Gustafson

Address: ADFG

Ktn.

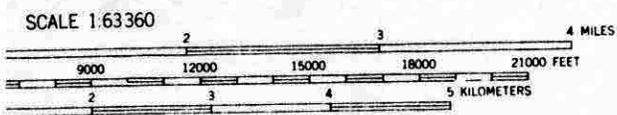
Signature of Area Biologist: Jack Gustafson



Numerous uncataloged channels either crossing or adjacent to airport access road
 Numerous coho fry observed on both sides of access road.
 6-10-87

Coho Salmon rearing through out this area

DI
 10/8
 PSD
 55°30' N
 133°00' W



FOUR INTERVAL 100 FEET
 GEODETIC VERTICAL DATUM OF 1929
 1 FEET-DATUM IS MEAN LOWER LOW WATER
 PRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
 TIDE RANGE OF TIDE IS APPROXIMATELY 8 FEET

BY U. S. GEOLOGICAL SURVEY
 VER. COLORADO 80225. OR RESTON, VIRGINIA 22092
 PHIC MAPS AND SYMBOLS IS AVAILRBLE ON REQUEST



CRAIG (C-4), ALASKA
 N5530-W13300/15X20

1949
 MINOR REVISIONS 1977

4WC63 00334 CRAG C-4

MOUS STREAM CATALOG
 WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)



BY
BB
PW
SJS
SJS

MEMORANDUM

State of Alaska

TO: Art Dunn
Project Environmental Coordinator
Technical Services
Design & Construction, ADOT/PF
Juneau

DATE: June 18, 1987

FILE NO:

TELEPHONE NO: 225-2027

FROM: Jack Gustafson
Area Habitat Biologist
Habitat Division
Department of Fish and Game
Ketchikan

SUBJECT: Project No. 69275
Klawock to Airport
Road

On June 10, 1987, Nate Johnson and I reviewed the proposed alignment from Klawock to the airport. Our observations, beginning from the Hollis highway turnoff, are as follows.

There is one stream between the Hollis highway and the Prince of Wales Lodge. A CMP has already been installed where the rocking ends and brushing of the alignment begins. No fish were observed at the site of the CMP. Observations were quite cursory, but we do not really anticipate finding fish in this portion of the stream. It would be acceptable to leave the present CMP installed as it sits.

The first stream north of the Prince of Wales Lodge (one - half way between Bennett Creek and the turnoff), appears to be cataloged stream #103-60-10450. Pink salmon have been previously documented. In addition, we observed other juvenile fish (either salmon or trout) downstream of the present road alignment. It appears fish passage will be required, but this is also dependent upon the selection of the final road alignment. Gradients seem flat enough to accommodate this without major conflicts.

There are two streams crossing the road just south of the present airport spur turnoff. Coho salmon fry are present in both streams, and were observed above the existing CMP on the southernmost stream. Spawning adult coho were also observed here last year. A construction timing stipulation (June 1 to August 1) should be implemented for instream work to assure the protection of downstream spawning habitat. Both of these stream crossings will require fish habitat permits.

Several hundred feet past the Big Salt Road and airport spur turnoff is an area of important wetlands habitat. This habitat, which includes both streams and beaver dams, is apparently an extension of stream #103-60-10400. Numerous coho salmon fry were observed in the stream on both sides of the road. Smaller numbers were seen inhabiting the beaver dams. A fish habitat permit, which will require fish passage and construction timing restrictions, is needed for instream

*Uncataloged
habitat near
access road
to Klawock
Airport*

June 18, 1987

activities. Realignment of the spur through the beaver dams does not appear to be a feasible option considering the biological and engineering concerns. If straightening the road is accomplished, the least expensive and most desirable alignment would be a short extension located north of the present turnoff.

If you have any questions regarding these observations, please call us at 225-2027. Thank you for the opportunity to comment during the pre-application review stage of the project.

cc: R. Reed, ADF&G, Juneau
N. Johnson, ADOT/PF, Juneau