

STATE OF ALASKA
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

AWC Volume (SE) SC SW W AR IN USGS Quad Craig C-4

Anadromous Water Catalog Number of Waterway 103-60-10470-~~2018~~ 2040

Name of Waterway Frog Creek USGS name _____ Local name X

Addition X Deletion _____ Correction _____ Backup Information _____

For Office Use

Nomination # <u>93 299</u>	<u>Lana Elmer</u>	<u>10-23-92</u>
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Weiss</u>	<u>12/15/92</u>
Both <u>X</u>	<u>J. Inone</u>	<u>1/5/93</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
coho salmon	3/12/92		X		Yes
Dolly Varden char	3/12/92		X		unknown
rainbow trout/Steelhead	3/12/92		X		likely

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. 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.

Comments:

See attached field notes + inspection report

ALASKA DEPT. OF
 FISH & GAME

Name of Observer (please print) James D. Durst, Habitat Biologist
 Date: 10/8/92 Signature: James D Durst
 Address: ADF&G Habitat Division
P.O. Box 271, Klawock, AK 99925

OCT 26 1992

REGION II
 HABITAT DIVISION

Signature of Area Biologist:

Jack Gustafson

Rev. 12/91

Friday 6 March 1992

SD

Mary Jackson Subdivision Trap
Pick-Up

1330 - retrieved 3 traps set
yesterday; no fish captured;
series of 1'-3' drops between
anadromous portion & where
trapping; at upper end (#11),
stream still 1'-2' wide, 2"
to very deep (2'+ pools),
decent flow

water temp same as yesterday

cool, mostly clear; night freeze

Tuesday 10 March 1992

JD

Shaan-see Inc. Nicholas Helicopter
Field Inspections w/ Al Peterson, &
Clarence Clark (SSI)

Peterson via Jacques to C&A

10:00: met w/ Clarence; drove
to W side of KL 92-19;
set 3 traps on 1) stream
in unit, 3 in E stream
fork; water temp E fork
= 40°F = °C; on way out,
checked lower; trap on
W fork; 1 DV

KL 92-33-2: 103-60-11470-2030: catch -
logged section, but questionable,
high energy; gravel/cobble;
good LWD; Peterson near
profile from 15% bedrock
section shown; 7-12' to
= 15' wide 7-10' water; 2
traps set, one up in higher
stuff (mid unit) & one ~50'

11 March (cont.)

end of 210; lots of work needs to be done w/ ditch lines + culverts; sections of road washed out; no alignment problems seen; ADEC + ADNR had discussions w/ KEP about rock pits, road surfaces, & running water.

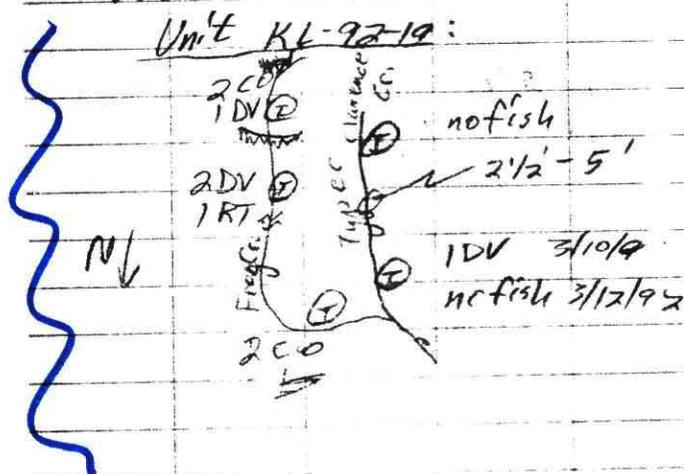
1400: Welfe + Korthlyche caught flight in Hydalung

Thursday, 12 March 1993

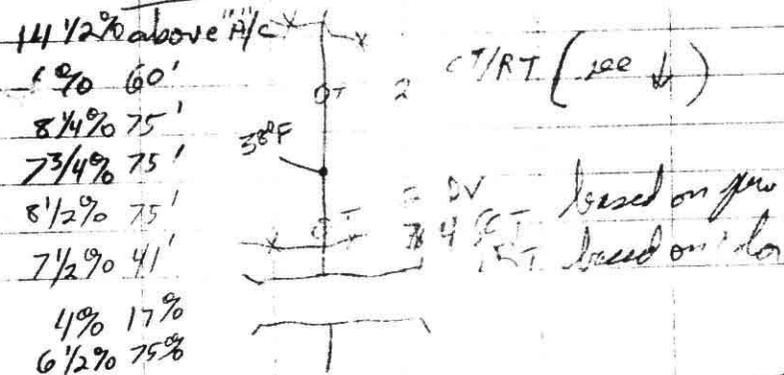
JD

Shaan-Seet Inc., Nicholas Helicopter
Field Inspections w/ Al Peterson,
Matt Keith, Sam Thomas +
Clarence Clark

0845:



Unit KL-92-33-2



stream in the middle of this unit, with gravel substrate and banks 1'-3' high. Reservoir Creek is a 5'-10' wide noncataloged anadromous stream north of Clam Creek, with gravel substrate and 1' high banks with some undercutting. Bight Creek is a 3'-10' wide cataloged anadromous stream (no. 103-60-10510), with generally low banks. A total of fifteen trees were requested for harvest within the riparian buffers along these three streams.

Unit KL-92-19: Two streams cross this unit, one of which is noncataloged anadromous. Frog Creek (the eastern stream) is typically 2'-5' wide, with banks showing low historical erosion. Substrate is silt or small gravel. Large woody debris (LWD) does not appear to play a major role in channel morphology at present. At the upper end of this stream is a series of beaver dams and ponds, with numerous seeps and rivulets entering them. The upper limit of anadromous habitat is just inside the unit boundary. The two streams in this unit and a third just west of the unit boundary join shortly below the unit. The resulting stream then flows to Klawock Lake (lake no. 103-60-10470-0010). Forty-eight trees were requested for harvest within the buffers along the approximately 1,000' feet of Frog Creek within the unit.

Unit KL-92-30-1: A major branch (stream no. 103-60-10470-2010) of Hatchery Creek flows through this unit. The width at ordinary high water is typically 20'-30', with 1'-3' banks, active erosion in places, and a moderate degree of bedload movement. Root masses and LWD appear to play major roles in the channel morphology of this stream. The variation request was for harvest of 41 trees within the 66' riparian buffer on the north side of the Type A portion of Hatchery Creek (about 1,000'), including a small Type A tributary, and two high water channels (about 450' each). The latter are Type A water bodies roughly parallel to each other and Hatchery Creek, so the total buffer width is quite large in this area.

Unit KL-92-32: Two noncataloged streams flow through this unit, join just below the unit, and are then tributary to Luke Creek (stream no. 103-60-10470-2020). The eastern stream (5'-10' wide, gravel substrate, 1'-3' banks frequently undercut) is anadromous from below the unit up to a series of beaver dams which apparently form an anadromous barrier near the southeast unit boundary (1,700'). A small anadromous tributary (2'-10', with mossy banks, silty substrate) enters from the east near the northern unit boundary. The western stream (3'-10' wide, gravel substrate, 1'-3' banks frequently undercut) is anadromous from below the unit to about one-third of the way south through the unit (650'). A total of 111 trees were requested for harvest within the 66' riparian buffers along Type A portions of the two streams and the small tributary. Much of the unit was helicopter logged before the revision