ADFG FILE COPY

FISH STREAM SURVEY FIELD REPORT

Date: 6/17/83 V.C.U.: 593

Camp: Sandhill Unit: 8

Stream Catalogue #: 103-60-05 (A2LO Road:

Quad Map: CRAIG C-4 T 72S R 79E Sect 14 & 25

SPECIES PRESENT	STAGE OF DEVELOPMENT
Coho	Fry
RB/CT	Fry / adults
D.V.	Adults & Fry

TYPE OF FISH HABITAT

Salmon Rearing	Excellent	Good	(Fair)	Sq. Yds.
Salmon Spawning	(Excellent)	Good	Fair	Sq. Yds.
Resident Rearing	(Excellent)	Good	Fair	Sq. Yds.
Resident Spawning	Excellent	(Good)	Fair	Sq. Yds.

Is future fish habitat enhancement possible? YES ____ NO X

If so, Describe: water shed stabilization

	YES	NO
Fish Present Above Road Crossing:		
Below Road Crossing:		
Within Unit Boundary:		
Below Unit Boundary:		

Fish stream(s) intersection(s) marked with Metal Tags: Road ____ Unit ____

Fish stream(s) Flagged: BLUE/WHITE ____ ORANGE/WHITE ____ GREEN/WHITE ____

Fish streams Traversed: YES ____ NO ____

Traverse notes Attached: YES ____ NO ____

Is Additional Parameter Information Necessary? YES ____ NO ____

If so Describe:
NOT FLAGGED

Stream No.#:					
(°F) Temp.:					
(Ft.) Length					
(Ft.) Width					
(In.) Depth					

103v

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
Tr. 19	6/17/83	NONE			visual	[illegible] min
LAZLO		Coho		2½-3	visual	30 min
		D.V.		3-4"		
		Ct.		4"+		
Tr. 18		D.V. up 200'		4"	visual	20 min
TR. 20		Coho up 200'		2½"	visual	10 min
		D.V above 200'		3"	visual	10 min

Pertinent Wildlife Information:

Comments:

Survey Crew Members: Signature Date

Kagus
Stagner

Report Reviewed By: [signature] FWA 7/1/8
Signature Title Date

Recommendations: Need a leave strip along Lazlo in 100' wide + guarding away from creek so leave strip is not damaged.

103v

TIMBER HARVEST - INDEPENDENT

UNIT # 8 STREAM # LAZC CR.

ROAD # STATION #

Primary Stream Course Protection (Blue/White Flagging)
Fisheries Habitat and/or Chronically Unstable Stream Courses

The following fish stream protection prescriptions and recommendations apply. (Special Provisions B 6.5 and C 6.51)

✓ 1. Directional falling (to include lining and/or jacking) of timber away from stream course.

✓ 2. No limbing of timber inadvertently felled into stream course (to include windthrow). Yard timber in lengths to maximize lift. (This will require a written waiver to permit bucking in the stream course.).

✓ 3. Immediate removal of any debris introduced into stream course (to include felled trees which are marked for removal) during timber harvest. Deposit debris in a stable location above high water mark.

✓ 4. Windthrow will be left ~~and/or felled trees impacting stream course will be marked for "leave" and "take" timber~~.

a. Timber (to include rootwads) marked with blue ribbon should be removed in a manner to protect the integrity the stream course as much as possible.

b. Timber (to include rootwads) marked with yellow ribbon shall be left in place or will require special consideration (waiver) prior to removal.

✓ 5, Time timber harvest (to include windthrow) within 200 feet of spawning area of stream courses to avoid adverse impact to salmonid redds and/or pre-emergent fry. (Optimum time for harvest: approximately April 15 to August 15.).

6. Hazard (leaning) trees along stream course shall be identified and marked by Sales Administrator and felled concurrent with yarding.

✓ 7. Split the yarding along stream courses. ~~or full suspension of timber and/or products over protected stream courses.~~

8. Protected primary stream courses within timber harvest unit are traversed for inclusion on sales release map.

9. Recommend input from Wildlife, Soil Scientist, and/or Hydrologist.

Additional Comments:

4/17/83
Gene Stagner

South Shaheen unit 8 area —

Hazlo Creek south of TR 19. wide stream up to 100'+ scour plain with gravel & rubble bars. ave gradient 3%
substrate boulder ≥ 20" 25-35%, rubble 6-20" 25-35% gravel ≤ 6" 30-50%
lots of coho fry on edges.
2 large debris jams with over 10 pieces of LOD each
very few LOD affecting stream.
stream banks are very unstable, massive earth slump on right bank near TR 29. 100' H x 200' L.

Hazlo G. between TR 18 and TR 19. gradient 2%.
SP ≈ 75' 2 very good pools for steelhead ≈ 48" deep
Right banks still unstable with lots of slumps and steep 110-130%
left banks is starting to level out 5% slope.

Hazlo Creek within unit. 2-3% gradient
deep pools ≥ 4' (steelhead). scour plane 35+ feet
boulder 25% rubble 35-45% gravel up to 35%
some bedrock. very little spawning gravel
in a bedrock gorge. 60% side slopes.
Still lots of [illegible]
Essential to not yard across stream here.
also need to have a leave strip approximately
100 feet wide to protect the stream from [illegible]
erosion. Don't take trees off of island below this side channel
300' long side channel provides 600 yds of excellent spawning
habitat just S of TR 19.

pg
6/17/03
Gene Stoyne

South Shaleen unit 8 cut.

TR. 18. 20 mouth SP F 15' [illegible] gradient 10% over 50'
substrate Boulder 50% [illegible] gravel 20%
LOD 3 pieces / 100'
[illegible] 300' 10-40% [illegible] 6' falls D.V. [illegible]
up to 200' then no fish
riparian zone [illegible] falling [illegible] few [illegible]
lots of slumps [illegible] 130% [illegible]
[illegible]
[illegible] of cut and fill

R. 20. lower end 5% gradient for 100' then 12% for 300'
substrate. Boulder 25% [illegible] gravel 50%
[illegible] in [illegible] D.V. [illegible]
section of 3-5' falls [illegible] up 200'
[illegible] above falls S.P. [illegible] LOD 3 [illegible]
[illegible] of slump on banks also [illegible] near here
[illegible] evidence of slump on both banks.

pg.

Gene Stagner

[illegible] Shakeen unit 8 cont.

TR. 18. 20 mouth SP = 15' [illegible] gradient 10% over 50'
substrate Boulder 50% rubble [illegible] gravel 20%
LOD 3 pieces / 100'
next 300' 10-40% several 4-6' falls. D.V. observed
up to 200' then no fish
riparian zone is falling apart, very few conifers
lots of slumps and [illegible] 130% slopes.
[illegible] crossing will need a bridge or
[illegible] 3 [illegible] lot of cut and fill

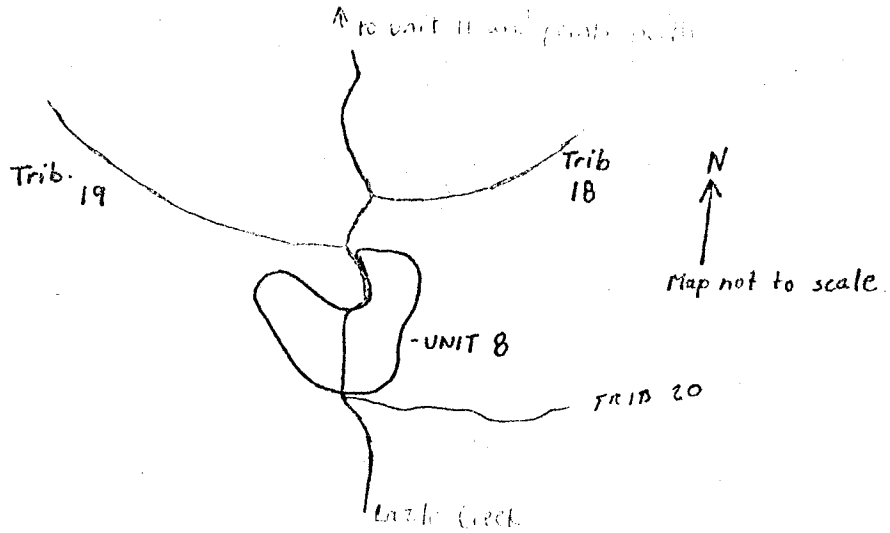
R. 20. Lower end 5% gradient for 100' then 12% for 300'
substrate. Boulder 25% rubble [illegible] gravel 50%
[illegible] in lower end. D.V. in upper end
section of 3-5' falls. Stay [illegible] up 200'
[illegible] above fall. S.P. = 12'. LOD 3 pieces 100'
lots of slumps on banks. also [illegible] near here
has evidence of slumps on both banks.

Lazlo Creek - Tributary 19

This is a steep gradient stream located just north of unit 8. Average gradient is 25%, with pitches of 35%! Bank-to-bank width averages 8-12', depth is 4" with pools to 30". At the confluence with Lazlo the stream forks; a 4' falls over a log ends one fork, and the other meets Lazlo on a drop of 30% for 15'.

The substrate is bedrock, large moss-covered boulders (total = 80%) and gravel. Streamside vegetation was Devil's club, alder, currant and elder. The banks average 60-70%, with areas of 100% (basically a bedrock gorge). No slumps were evident - soil consists mainly of a duff layer over bedrock. The north bank is a bedrock cliff for much of the stream's length.

Several debris jams occurred at constricted spots along the stream, also several 3-4' falls and one 20' ledge drop approx. 500' upstream. Flow at the time was a "summer high" (≈ 10-15 cfs). The water was brown in color from the muskegs which drain into Lazlo.

I observed no fish on this stream. Perhaps a few coho might rear in the lower reaches, but habitat is very marginal. This is your classic "water quality" stream

LEK 6-23-83