ADFG FILE COPY

VCU 620

Date: 8-18-82

Camp: POLK INLET Unit: 16

Stream Catalogue #: 102-65-036 Road: 2100

Quad Map: Craig (A-2) Alaska T 75S R 85E Sect 28

Chick Map: T R Sect

SPECIES PRESENT	STAGE OF DEVELOPMENT
Cutthroat	7 fry (2-4") 9 adult (4-6")

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 ✓

If so Describe:

	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 YES Unit

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

Fish streams Traversed: YES NO ✓

Traverse notes Attached: YES NO ✓

Is Additional Parameter Information Necessary? YES NO ✓

If so Describe:

STREAM TEMP.: N/A

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
1	8-18-82	7	Cutthroat	2-4"	Shocker	15 min.
		8	Cutthroat	3-6"	"	
2	8-18-82	1	Cutthroat	5"	"	2 min.
4	8-18-82	Tagged	blue/white	by Guber/Stewart 11-17-81		

Pertinent Wildlife Information: N/A

Comments: N/A

Survey Crew Members:	Signature	Date
Richard Vanusz	[illegible]	[illegible]
Roger Harding		

Report Reviewed By: Thomas E Kogut — Wildlife Biol. — 9-15-82

Signature — Title — Date

Recommendations: FULL fisheries protection requirements must be met on streams 1 & 4. Stream #2 will require water quality protection.

Stream Descriptions

Unit 16 Polk Inlet 8/18/82

Stream No. 1 Resident Stream

Stream has an 8'X1' channel with a 3'X2" water flow. It has an 18% gradient and a substrate consisting of 20% boulder, 30% cobble, and 50% gravel. Over 15 Cutthroat trout, ranging in size between 3-9", were shocked - aproximately 50% were adults. The unit was flagged Orange/white through the unit until the end of habitat was reached where there is double [illegible]. A metal tag was placed where the stream crosses the P line spur at 6 t26. At approx. 150' below this crossing the stream enters a silty muskeg covered with skunk cabbage. The stream splits here and one branch immediately crosses the unit boundary. The second branch becomes Stream No. 4 (Gruber & Stewart 11/17/80) and is flagged Blue/white from the fork down to the [illegible] boundary. The muskeg is thought to [illegible] passage.

Stream No. 2 Water Quality

Below the unit the stream has a 1'X1' [illegible] 10% gradient and a substrate consisting of 60% cobble and 40% gravel. Just above the unit boundary the stream is 6' wide and drains a muskeg. The end of habitat is at the unit boundary with [illegible] outside the unit. One 5" cutthroat was shocked below the unit but none were shocked within the

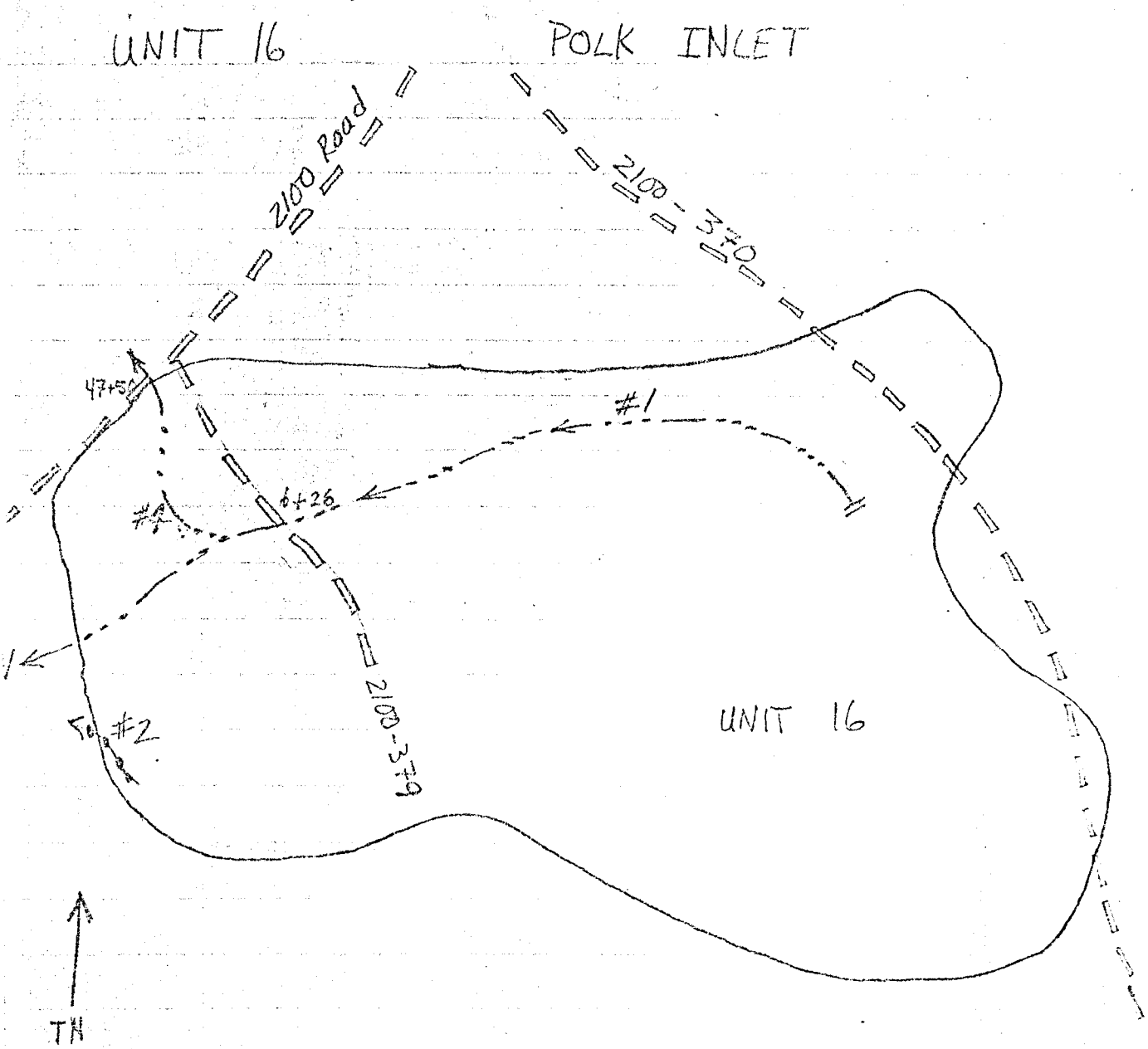
unit. The stream was flagged Green/white along the unit boundary.

Stream No. 4 Anadromous
P No. 47.50

Stream has a 5'x1" water flow with a 3% gradient and a substrate consisting of 50% cobble and 50% gravel.

The stream was tagged by Gruber & Stewart 11-17-80 as being coho spawning & rearing. The stream is a branch off of our stream No. 1 [illegible] Blue/white from the boundary to where it splits from Stream No. 1.

Note! boulder >6", cobble 3-6", gravel <3" in diameter



LEGEND

Anadromous Fish Stream - #4 (blue/white)

Resident Fish Stream - #1 (orange/white)

Water Quality Stream - #2 (green/white)

unit boundary

P-line

Water Quality Stream

Fish Stream

Map not to scale.

POLK INLET
UNIT 16
TN
Dog Salmon Creek
Polk Creek
Rock Creek
Rock Lake
Beaver Mountain
Rock Butte
Barren Mtn
Sulzer Passage
Gould Island
Portage Bay
Gould Passage
Portage Cr
Lake Isabel
Billie Mtn
Mt Jumbo
WEST ARM
Beaver Creek
Sulzer
21
14
18
12
60
93
66
4
6
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2710
2670
1000
1500
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3000
3200
2100
2500
2836

TIMBER HARVEST - LONG TERM SALE

Salmon Spawning and Rearing Streams
(Blue/White Ribbon)

UNIT # 16

ROAD # 2100

STREAM(S)# 4

STATION # _____

The following fish stream protection prescriptions and recommendations apply: based upon quality of habitat, resistance to alteration, and fish habitat management unit objectives.

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

✓ 2. Split the yarding on the creek or full suspension of timber over the stream course.

✓ 3. No limbing of timber inadvertently felled into stream course (to include windthrow). Yard timber in lengths to maximize lift.

✓ 4. Forty-eight hour removal of any debris introduced into stream course during timber harvest.

_____ 5. Windthrow impacting stream course will be marked for "Leave" and "Take" timber.

_____ a. Timber marked with blue ribbon should be removed in lengths to maximize lift and minimize stream course disturbance.

_____ b. Timber marked with yellow ribbon should be left in place or will require special considerations upon removal.

✓ c. No limbing of timber occupying or suspended over stream course.

✓ d. Removal of all introduced debris from stream course concurrent with yarding (to include root wads that may enter stream course).

✓ e. Directional falling of standing timber away from stream course.

Resident "sports" fish spawning and rearing streams
(Orange/White Ribbon)

UNIT # 16 STREAM(S)# 1

The following fish stream protection prescriptions and recommendations apply:

TIMBER HARVEST

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

✓ 2. Split the yarding or full suspension of timber over stream course.

✓ 3. No limbing or bucking of timber inadvertently felled into stream course (to include windthrow). Yard timber tree length if possible.

✓ 4. Remove debris introduced during timber harvest concurrent with yarding.

5. Windtrhow impacting stream course will be marked for "Leave" or "Take" timber.

a. timber marked with blue ribbon shoud be removed by yarding tree length from stream course if possible.

b. timber marked with yellow ribbon should be left in place or will require special considerations upon removal.

✓ c. no bucking or limbing of timber occupying or suspended over stream course.

✓ d. removal of all windthrow and logging debris from stream course concurrent with yarding (to include rootwads that may enter stream course).

✓ e. directional falling of standing timber away from stream course.

✓ f. timing of timber harvest to avoid adverse impact to salmonid redds and/or preemergent fry. (Optimum time: approximately April 15 to August 15).

Additional comments:

2v(2)

TIMBER HARVEST
LONG TERM SALE

"Non-Sports" Resident Fish Habitat and Water Quality Protection - Including V-notches and/or unstable soils
(Green/White Ribbon)

UNIT # 16 STREAM(S)# 2

ROAD # 2100 STATION #

The following fish stream protection prescriptions and recommendations apply based upon resistance of habitat to alteration and fish habitat management objectives.

____1.) Directional falling (to include limbing and jacking if necessary) of timber away from stream course.

____2.) Split the yarding on stream course or full suspension of timber over stream course.

____3.) Removal of all introduced debris (to include rock that may enter stream course) from stream course during yarding.

____4.) Yard timber in [illegible] stream course [illegible] as felled.

____5.) Windthrow impacting stream course will be marked for "leave" and "take" timber.

a.) Timber marked with blue ribbon should be removed with least possible disturbance to stream course.

b.) Timber marked with yellow ribbon should be left in place or will require special consideration upon removal.

✓ 6.) Chunk clean (removal of introduced debris 3 in. diameter or 6 ft. length or larger).

____7.) Avoid yarding up or down [illegible] stream.

____8.) Reduce sediment input from [illegible]

Additional Comments:

114v