FISH STREAM SURVEY

ADFG FILE COPY

Date: 8-12-82

Camp: POLK INLET Unit: 93

Stream Catalogue #: 102-60-036 Road: 2100

Quad Map: Craig (B-2) Alaska T 75S R 85E Sect 29

Chick Map: T R Sect

SPECIES PRESENT	STAGE OF DEVELOPMENT
None stocked	

TYPE OF FISH HABITAT N/A

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:

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

Fish stream(s) intersection(s) marked with Metal Tags: Road N/A Unit N/A

Fish stream(s) Flagged: BLUE/WHITE Dog Salmon ORANGE/WHITE N/A

	YES	NO
Fish streams Traversed:		X
Traverse notes Attached:		X
Is Additional Parameter Information Necessary?		X

If so Describe:

STREAM TEMP.: N/A

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
1	8-12-82	0	—	—	Shocker	15 min
2	8-12-82	0	—	—	Shocker	3 min

Pertinent Wildlife Information: N/A

Comments: Unit boundary is painted on the bank of Dog Salmon Creek opposite Unit 93. Cutting and yarding of timber across Dog Salmon Creek would result in introduction of debris into a known salmon spawning/rearing stream.

Survey Crew Members:	Signature	Date
Richard Yanusz	Richard Yanusz	8-25-82
Roger Harding		

Report Reviewed By: Thomas E Kogut — Wildlife Biol. — 9-16-82
Signature — Title — Date

Recommendations: Extreme care should be taken with Dog Salmon Creek to insure protection requirements are met. Cutting should be on one side only!

9-16-82 - I talked to Steve Moog and he said that trees were painted on the other side of the creek to avoid leaving a fringe of trees along Dog Salmon (presumably to avoid windthrow problems). Trees painted are to be left.

24D

Stream Descriptions

Unit 93 Polk Inlet 8/12/82

Stream No. 1 Water Quality

Stream has a 2' wide channel with a 2'X6" water flow. It has a 5% gradient and a substrate consisting of 35% gravel, 40% silt, and 25% moss/mushing. No fish were shocked in 15 minutes and the stream was flagged Green/white along the unit boundary. The stream runs only 50' inside the unit and is flagged G/W here.

The stream empties into Dog Salmon creek with a 20% gradient and at a 3' high falls. This is probably a fish barrier and explains why no fish were shocked above this point.

Stream No. 2 Water Quality

Stream has 1' X 1" water flow [illegible] 12% gradient and a mushy type substrate [illegible] fish were shocked in two minutes of shocking and the stream was flagged Green/white at the [illegible]

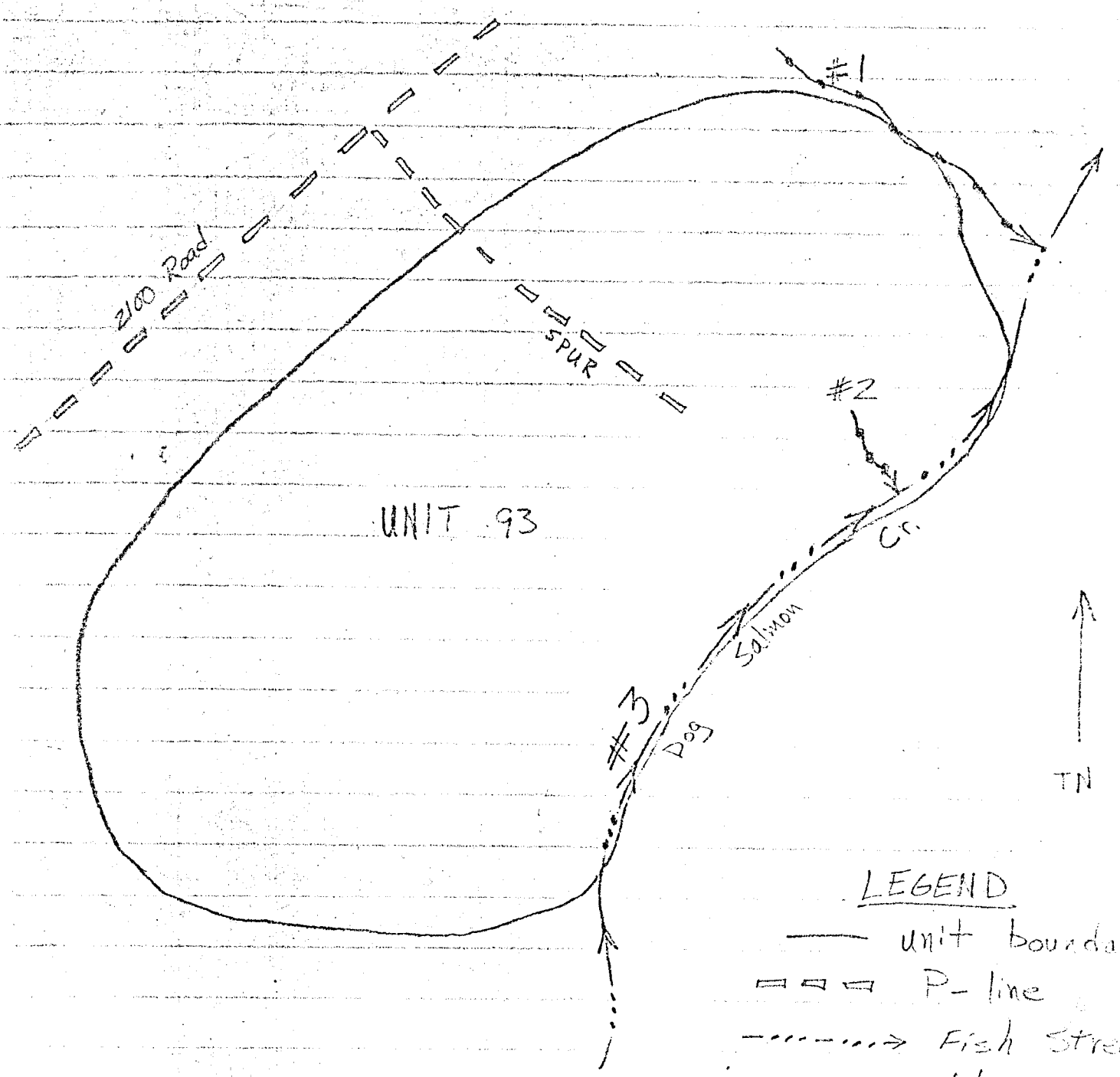
Dog Salmon Creek #3

Dog salmon creek lies along the [illegible] boundary of unit 93 and should be considered during logging operations. The unit boundary is painted [illegible] side of the creek opposite the unit. If the unit

is logged down to the edge of the creek [illegible] care should be exercised in directional falling and yarding so as to minimize the damage done to Dog Salmon Creek. No cutting of trees on the far side of the [illegible] should be allowed.

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

UNIT 93 POLK INLET



LEGEND

unit boundary

P- line

Fish Stream

Water Quality stream

Anadromous Stream - Dog Salmon Cr.
(blue/white)

Water Quality stream - #1, #2
(green/white)

Map not to scale

UNIT 93
POLK INLET
TN
Dog Salmon
Polk Creek
Rock Lake
Rock Creek
Beaver Mountain
Rock Butte
Barren Mtn
Sulzer
Sulzer Passage
Gould Island
Portage Bay
Gould Passage
Portage Cr
Lake Isabel
Billie Mtn
Mt Jumbo
WEST ARM
PORTAGE
SULZER

TIMBER HARVEST - LONG TERM SALE

Salmon Spawning and Rearing Streams
(Blue/White Ribbon)

UNIT # 93 STREAM(S)# 3-DOG Salmon

ROAD # 2100 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.

✓ 6. Time timber harvest within crown height of streamcourse to avoid adverse impact to salmonid redds and/or pre-emergent fry. (Optimum time for harvest: approximately April 15 to August 15). Operations outside of this time period will require a site assessment by fisheries personnel.

____ 7. Hazard (leaning) trees along stream course should be marked by sale administrator and felled concurrent with yarding.

✓ 8. Protect brush, non-merchantable trees, and understory vegetation along stream course of temperature sensitive streams during timber harvest.

Additional Comments:

114v

TIMBER HARVEST
LONG TERM SALE

"Non-Sports" Res[illegible] Fish Habitat and Water Quality Protection - Including V-[illegible] and/or unstable soils
(Green/White Ribbon)

UNIT # 93

ROAD # 2100

STREAM(S)# 1 & 2

STATION # _____

The following fish stream protection prescriptions [illegible] mendations apply: based upon resistance of habitat to alteration and fish habitat management [illegible] objectives.

____ 1.) Directional falling (to include lining 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 root wad[illegible] may enter stream course) from stream course concurrent [illegible] yarding.

____ 4.) Yard timber impacting stream course same season 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 lease possible disturbance to stream course.

b.) Timber marked with yellow ribbon should be l[illegible] place or will require special consideration u[illegible] removal.

✓ 6.) Chunk clean (removal of introduced debris 3 in. [illegible] meter or 6 ft. length or larger).

✓ 7.) Avoid yarding up or down protected stream courses.

____ 8.) Recommend input from foil[illegible]ist and/or hydrologist.

Additional Comments:

(1[illegible])