

# ADFG FILE COP

Date: 4-30-82

Camp: THORNE BAY

Unit: GONZO SALE

Stream Catalogue #: 102-70-058

Road: LAKE ELLEN RD.

Quad Map: \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ Sect \_\_\_\_\_

Chick Map: \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_ Sect \_\_\_\_\_

### SPECIES PRESENT

Cutthroat-  
COHO-  
LOWER PORTION POSSIBLY USED  
by PINK SALMON FOR  
SPAWNING

### STAGE OF DEVELOPMENT

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

### TYPE OF FISH HABITAT

Salmon Rearing  
Salmon Spawning  
Resident Rearing  
Resident Spawning

Excellent  
Excellent  
Excellent  
Excellent

Good  
Good  
Good  
Good

Fair  
Fair  
Fair  
Fair

Sq. Yds. \_\_\_\_\_  
Sq. Yds. \_\_\_\_\_  
Sq. Yds. \_\_\_\_\_  
Sq. Yds. \_\_\_\_\_

Is future fish habitat enhancement possible?  
If so Describe:

YES  \_\_\_\_\_ NO \_\_\_\_\_

Stream would benefit from Cottonwood  
plantings.

Fish Present Above Road Crossing:  
Below Road Crossing:  
Within Unit Boundary:  
Below Unit Boundary:

YES NO  
✓ \_\_\_\_\_  
✓ \_\_\_\_\_  
✓ \_\_\_\_\_  
✓ \_\_\_\_\_

Fish stream(s) intersection(s) marked with Metal Tags: Road No Unit No  
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.: \_\_\_\_\_

Methods used to determine presence of fish:

Stream #	Date	#Fish	Species	Length	Gear	Time
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VISUAL 4-30-82

Electrofished @ 16/82 - Abundant coho fry population throughout main stream.  
 No fish shocked in water quality stream (#3). Numerous coho fry  
 shocked in Stream #2. (See attached map).

Pertinent Wildlife Information:

Comments:

Survey Crew Members:

Signature

Date

Glen FREEMAN

4-30-82

RICHARD UBERUAGA

" "

Report Reviewed By:

Richard Uberuaga Fisheries Biologist

4-30-82

Signature

Title

Date

Recommendations:

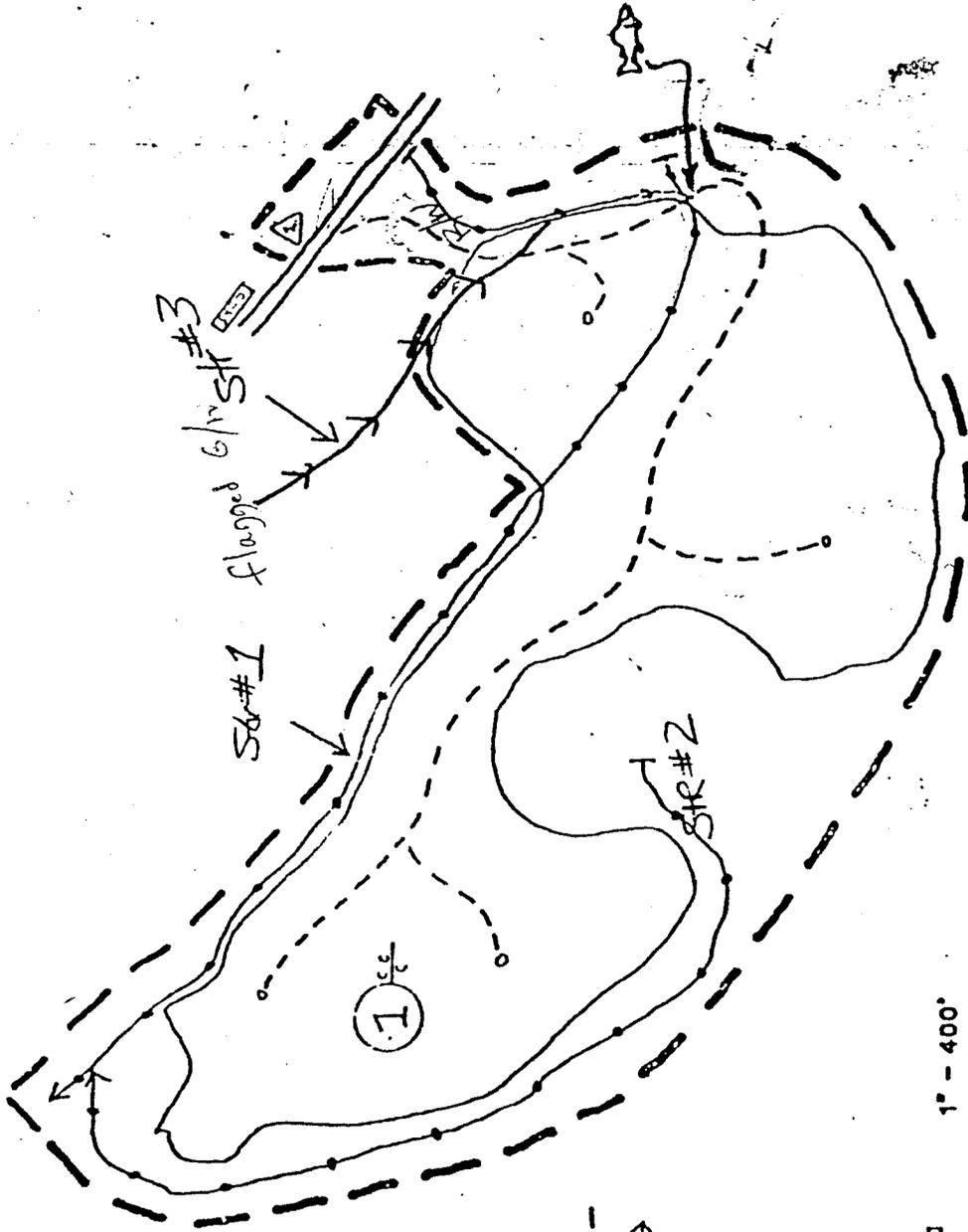
Follow fisheries protection prescriptions.  
 All downed timber (OLD) ~~and~~ and debris  
 shall not be disturbed or removed  
 from streambed.

# SALE AREA MAP

THORNE BAY RANGER DISTRICT      TONGASS NATIONAL FOREST



NORTH



## LEGEND

UNIT UNIT BOUNDARY

ROAD ROAD

CONSTRUCTED

PROBARY ROAD

TECTED STREAM COURSE

ING METHOD

CLEAR CUT

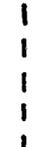
CABLE SYSTEM

POLE

SK PIT

NUMBER

REAM PROTECTION  
FOR FISHERIES P.B.



1" = 400'



Reply to 2430 Commercial Timber Sales

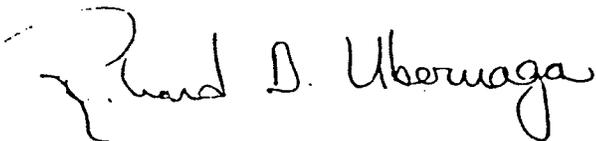
Date April 30, 1982

Subject: Gonzo Sale

To: Rick Atwell; Small Sales Forester

The Fisheries habitat protection crew reviewed the Gonzo Sale layout on April 30, 1982. Two excellent, anadromous spawning and rearing streams flow along and through the unit. The streams were walked in search of blowdown. No recent or merchantable blowdown was noted. All present downfall and debris in the streams contribute to these creek's productivity by maintaining good pool/riffle ratios, stream bank stability, fish cover, etc. During the harvest operation all debris and downfall should be left in place and not disturbed. The boundary location on a portion of the sale will leave 50-100 foot strips of scrub and small timber which appears windfirm. These strips are necessary and desirable as a long term source of organic input.

The timber harvest of this sale should be timed to avoid all adverse impacts to salmon redds and/or pre-emergent fry. The optimum time for harvest is approximately May through July. Harvest activity should not approach within 200 feet of the stream courses from August 15 through November 1. A specific on-site survey would be necessary to determine whether or not this time restriction can be modified.



RICHARD UBERUAGA  
District Fisheries Biologist

cc Scheldt



GONZO  
ROAD CONSTRUCTION - INDEPENDENT

Primary Streams (Fish Spawning and Rearing Habitat)  
(Blue/White Ribbon)

ROAD # 4400  
UNIT #       

STREAM # GONZO SALE  
STATION # STREAMS 1 & 2

The following fish stream protection prescriptions and recommendations apply:

1. Fish passage required during and after road building activities.
2. Culvert installation concurrent with rocking.
3. Time construction/reconstruction of fish passing structures to minimize adverse impact to salmonid redds and preemergent fry, (Optimum time for construction: approximately April 15 to August 15). Construction/reconstruction outside this operating time period will require on site assessment by fisheries personnel.
4. End haul to prevent sidecast from entering stream course.
5. Right-of-way clearing adjacent to streams shall follow timber harvest recommendations (see timber harvest-primary streams: fish spawning and rearing habitat).
6. "In Stream" habitat protection assessment will be provided to aid in design of a fish passing structure.
7. Spawning gravels at or below road crossings should not be altered by "In Stream" structure.
8. Stream courses shall not be changed without written approval of the Forest Service. Diversion courses for any stream shall be located and staked on the ground by the Forest Service prior to construction and/or diversion. (Special Provision C 6.51; subsection 1 and 2).
9. Limit number of stream crossings to only 1 equipment crossing at each crossing site.
10. Absolutely no barrow pits in stream course.

- 11. C.M.P. and/or wooden puncheon culverts required for fish stream crossings. Three log culverts are not authorized.
- 12. If road is "put to bed" previous integrity of the stream course in terms of gradient and stream bed must be restored.
- 13. Water bars are necessary on long inclines and should be identified by Project Engineers.
- 14. Blasting is not approved for bridge or culvert removal.
- 15. Oil and fuel storage should avoid proximity to any stream course.

Additional Comments:

GONZO  
ROAD CONSTRUCTION - INDEPENDENT

Water/Soils Quality Protection And Resident  
"non-sports" fish spawning and rearing streams  
(Orange/White Ribbon)

ROAD # 4400

STREAMS # GONZO SALE

UNIT # \_\_\_\_\_

STATIONS # Stream # 3

The following fish stream/stream course protection prescriptions and recommendations apply:

1. Fish passage required during and after road building activities.
2. Culvert installation concurrent with rocking.
3. C.M.P. and/or wooden puncheon culverts required for fish stream crossings. Three log culverts are not authorized.
4. End haul to prevent side cast from entering stream course.
5. Right-of-way clearing adjacent to stream courses shall follow timber harvest recommendations (see timber harvest-secondary streams).
6. Stream course shall not be changed without written approval of Forest Service. Diversion courses for any stream shall be located and staked on the ground by Forest Service prior to construction and/or diversion. (Special provision C6.51; Subsection 1 and 2).
7. Limit number of stream crossings to only 1 equipment crossing at each crossing site.
8. Absolutely no barrow pits in stream course.
9. When road is "put to bed" previous integrity of the stream course in terms of gradient and stream bed must be restored.
10. Water bars are necessary on long inclines.
11. Oil and fuel storage should avoid proximity to any stream.

Additional Comments:

# GONZO

TIMBER HARVEST - INDEPENDENT

UNIT # \_\_\_\_\_

STREAM # GONZO SALE

ROAD # \_\_\_\_\_

STATION # Streams

1 & 2

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 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 streamcourses.
- 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:

GONZO  
TIMBER HARVEST - INDEPENDENT

UNIT # \_\_\_\_\_

STREAM # GONZO SALE

ROAD # \_\_\_\_\_

STATION # Stream # 3

Secondary Stream Course Protection (Orange/White Flagging)  
"Non-sports" resident fish habitat and/or  
Soils/Water Quality Protection to Include 'V' Notches

The following fish stream/stream courses protection prescriptions and recommendations apply. (Special Provisions B6.5 and C 6.51)

1. Directional falling away from streamcourses in so far as practical, - if not; fall to bridge stream course. Trees felled to bridge stream course will be yarded same season as cut.
2. Timber felled to bridge stream course will be yarded "tree length" from stream course, if feasible. No bucking and/or limbing of timber suspended over stream course (to include windthrow).
3. In so far as practical, timber shall be yarded away from stream courses.
4. Full suspension of timber yarded across protected stream course.
5. Remove debris introduced during timber harvest which will restrict natural water flow, affect water quality and/or have potential for debris flow before yarder leaves unit or upon completion of seasonal logging activities, whichever comes first.
6. Protected secondary stream courses within timber harvest unit have been traversed for inclusion on sale release map.
7. Recommend input from Wildlife Soil Scientist, and/or Hydrologist.

Additional Comments: }