ADFG

102-K-03

ADFG FILE COPY

Protection ✓
Enhancement ✓
Reconstruction
New Road

FISH STREAM SURVEY FIELD REPORT

Date: 9/16/83

V.C.U. 585

Camp: THORNE BAY

Unit: —

Stream Catalogue #: 10800-

Road: BEACH ROAD

Quad Map: CRAIG D-2

T 70S R 84E Sect 26

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.

	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:

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

Survey Crew Members: Signature Date

SPACYZNSKI Kluthe

Report Reviewed By: Richard Ubamoga fish biologist TNB 9/16/8.
Signature Title Date

Recommendations:

STREAM ENHANCEMENT [illegible]
Crew members: VALERIE SPACZYNSKI
JERRY Kluthe

PHOTO 44: 179-154 FDR#

7-14-83

0+00 Beginning of inter-tidal zone
2% Gradient
5% Boulder
10% Lg. COBBLE
65% Gravel
10% Sand
} Bottom TYPE

CHANNEL - 150 FEET wide X 6 INCHS Deep

4+30 CHANNEL - 10 FEET wide X 2 FEET DEEP

5+90 bridge
5% boulder
10% Lg. cobble
85% Gravel
} Bottom Type
2% Gradient
CHANNEL - 10 feet wide X 3 INCHS Deep

6+58 Side BANK vegetation destoyed by Truck Tracks - BANK open and Eroding into Stream

7+40 3% Gradient
5% Boulder
20% Lg. cobble
5% Sm. cobble
70% Gravel
} Bottom Type

WATER width - 20 FEET wide X 6 INCHS Deep
High water width - 30 FEET X 2 feet Deep

Pool / RIFFLE 5 / 95

LEFT BANK - 5% Gradient
Right BANK - 10% Gradient

8+40 2% Gradient
water width 5 FEET X 1 FOOT Deep
High water width 25 FEET X 2 FEET DEEP

8+40 (cont.)

40 % MED. cobble
60 % Gravel } Bottom TYPE

Pool / RIFFLE 25 / 75

9+40 2 % Gradient

water width - 15 FEET x 2 FEET Deep
High water width - 40 FEET x 4 FEET DEEP

Pool / Riffle 90/10.

10 % sm. cobble
40 % Gravel
50 % Sand. } Bottom Type

9+90 Shocked small pool

1 cutthroat 2"
1 COHO 2"
1 Dolly varden 4"

10 + 40 2 % Gradient

water width - 6 Feet wide X 16 inches Deep
High water width - 10 Feet wide X 2 Feet Deep

Pool / RIFFLE 5 / 95

10 % sm. cobble
30 % Gravel
60 % Sand. } Bottom Type

11+25 Debris in stream. Approximately 12 Blow Down logs Bridging stream Creating Excellent Cover & pools Shocked 1 pool to side (10' log x 5' wide x 5" Deep) Containing Numerous Fry but Do to Shocker problems we did not get any to I.D.

2% Gradient
Pool / Riffle 75/25

10% med. cobble
45% Gravel
45% Sand.

12+60 Small Debris Jam, Does Not create problem For Fish passage

3% Gradient
Pool / Riffle 50/50

wake width 5 Feet x 4 inches
High wake width 12 Feet x 2 Feet

10% Gravel } Bottom Type
90% Sand }

13+44

2% Gradient
wake width 5 Feet x 12 inches

Stream Braids
Pool / Riffle 90/10

10% Gravel
90% Sand.

14+05 LARGE BEAVER Dam
5 FEET High X 60 FEET wide
pool: 100 Feet wide X 200 Feet long X 3 Feet Deep

Probable Barrier to Fish Passage

14+83 BEAVER pond
60 Feed wide X 2 Feet Deep.

14+90 Side channel Dammed by Beaver
3' High X 97 Feet wide

15+75 3rd BEAVER Dam
5 Feet High X 40 Feet wide

Pool: 70 Feet wide X 3 Feet deep

21+70 BEAVER pond
Braided channel
20 Feet wide X 4 Feet Deep

25+37 Small Braided Channel
2 Feet wide X 1 foot Deep

26+52 4th BEAVER Dam
3 Feet High
Fresh Signs of BEAVER Activity - MANY TRACKS

Pool 40 FEET X 40 FEET X 3 FEET

9+15 5th BEAVER Dam
3 FEET High
pool: 20 FEET wide X 10 FEET Long.

31+80 STREAMS Braids into MANY Small Tribs with Numerous Dams.

34+18 LOST STREAM

37+28 Found STREAM
1% Gradient
3 Feet wide x 2 INCHS Deep

90% Gravel } Bottom Type
10% Sand

Pool / Riffls 75/25

38+79 2% Gradient

25% small cobble } Bottom Type
65% Gravel
10% Fines

39+15 3% Gradient
3 Feet wide x 3 INCHS Deep

90% Gravel } Bottom Type
10% Fines

Pool / Riffls 75/25

40+15 6th BEAVER Dam
2 FEET High x 10 Feet wide
pool! 10 FEET wide x 20 FEET Long.

41+58 10% Gradient
2 FEET wide x 2 INCHS Deep
90% Gravel } Bottom Type
10% Fines
Pool / Riffls 25/75

43 + 58

10 % Gradient
1 Foot wide x 1 INCH Deep
90 % Gravel } Bottom Type
10 % Fines }
pool / Riffle 50/50

44 + 58

12 % Gradient
1 Foot wide x 1 INCH Deep
pool / Riffle 30 / 70

50 % gravel }
25 % sand } Bottom Type
25 % mud. }

44 + 75 END OF SURVEY

Stream Braids and MEANDERS through thick Brush making it Difficult to Follow. With Gradient INCREASING and stream size Decreasing, we assumed this to be END OF Habitat FOR Salmon.

Jay Lutter
FISH TECH
NPOW / THORNE BAY R.D

* note: shocker breakdown precluded sampling above dam
RM