A.D.F.&G.. SAM GRIMES Date: 11/2/79 # DCS KF

Fish Stream Survey Report

(WALLY CREEK)

Camp PORT ALICE (CONE PEAK) Stream Name(ID) 103-80-003

Road# 5963 + 5965 Station# 19, 20, 29 Unit — RP# — —

Quad Map CRAIG D-5 Section — Chick Map Section

Fish Present Yes X No

	Yes	No
Above Road Crossing	X	
Below Road Crossing	X	
Within Unit Boundary	—	
Below Unit Boundary	—	

Species Present/Stage of Development Coho (fry), Dolly VARDEN

Type of Fish Habitat

Salmon Spawning Area		sq yds	Describe
Salmon Rearing Area	X	sq yds	Describe EXCELLENT
Other RESIDENTIAL Area	X	sq yds	Describe EXCELLENT

Stream Sketch or Map: Attach supplement if necessary:

See Supplement

Method(s) used to determine presence of fish:

	Date	#Fish	Approx Length	Gear	Length of Time Fished
TR #1	11-1-79	5 Coho	1", 1", 1½", 2", 2"	Shocker	5 min
		2 Dolly VARDEN	2", 2"	↓	↓
TR #2	11-1-79	2 Coho	2", 3"	Shocker	1 min.
TR #3	11-1-79	3 Coho	1", 1", 2"	Shocker	1 min.
TR #4	11-1-79	2 Coho	2", 2"	Shocker	5 min.
		1 Dolly VARDEN	3"		↓
TR #5	11-1-79	2 Coho	1", 2"	Shocker	1 min.
TR #6	11-1-79	1 Coho	1½"	Shocker	1 min.

If yes Describe:

Road and Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags — Yes X — No
Fish stream(s) flagged with blue (ORANGE) stripe tape — Yes X — No
Stream(s) traversed-If so attach traverse notes — Yes — No X
Additional parameter information necessary, — Yes — No X
If so attached completed fish stream parameter Data form

Pertinent Wildlife Information:

HEAVY DEER SIGN

Comments:

See Supplement

STREAM	49+97	No	Fish	PASSAGE	Required
"	52+99	"	"	"	"
"	54+45	"	"	"	"
"	56+98	"	"	"	"

Survey Crew Members:	Signature	Date
JOE SAUTNER	Joe Sautner	11/2/79
TOM STAPLES	Tom Staples	11/2/79

Report Reviewed By Jim Hawkes (Signature) FISH TECH. (Title) 11/10/79 (Date)

Recommendations: STR.S #1, #2, #3, #4, #5, WILL REQUIRE 1.) FISH PASSAGES DURING & AFTER ROAD CONSTRUCTION; 2.) FALLING & YARDING AWAY OF RIGHT AWAY TIMBER FROM STR.S; 3.) ONLY 1 PCLAND CROSSING ON EACH STR. CROSSING; 4.) 48 HOUR CLEAN-UP OF ANY DEBRIS INTRODUCED INTO STR. CHANNELS DURING ROAD CONSTRUCTION; 5.) NO LIMBING OR BUCKING IN STR. CHANNELS.
* STR. #6 WILL REQUIRE RECOMMENDATIONS #2 THROUGH #5.
*STR. #1 — CONSTRUCTION OF FISH PASSAGES SHOULD BE TIMED AS TO AVOID SALMON SPAWNING RUNS & REDDS; (I.E. NO CONSTRUCTION BETWEEN AUG. 15 THROUGH MAY 15.

STREAM DESCRIPTIONS:

STREAM #1 - This stream is 15-20' wide, 6-12" deep with 3-4' pools and a substrate of rock, gravel + sand. Stream gradient is 1-2%. This is excellent salmon spawning habitat and several coho fry were shocked in location of proposed 5965 Rd. Stream was flagged B/W + tagged at proposed crossing. Fish passage is required.

STREAM #2 + 3 - These streams are located about 50' from each other and both are 2-3' wide, 6-12" deep and have a rock, gravel, sand + mud substrate. Gradient is about 1%. Coho were found in both and streams were flagged about 100' up + down stream from proposed road crossings and tagged at road/stream junction. Fish passage is required on both streams.

STREAM #4 - This stream is 3-4' wide, 6-12" deep and has a mud substrate with some rock. Gradient is about 1%. Coho were present in this area and stream was flagged B/W 100' up + down stream from proposed road crossing and tagged at road/stream junction. Fish passage is required

STREAM #5 - This STREAM is 3-5' wide, 6-12" deep with pools up to 18" AND A ROCK, gravel + SAND SUBSTRATE. GRADIENT is between 2-3%. Coho were present here AND STREAM WAS flagged B/W for 100' up + downstream AND TAGGED AT STREAM/ROAD junction. Fish passage is required.

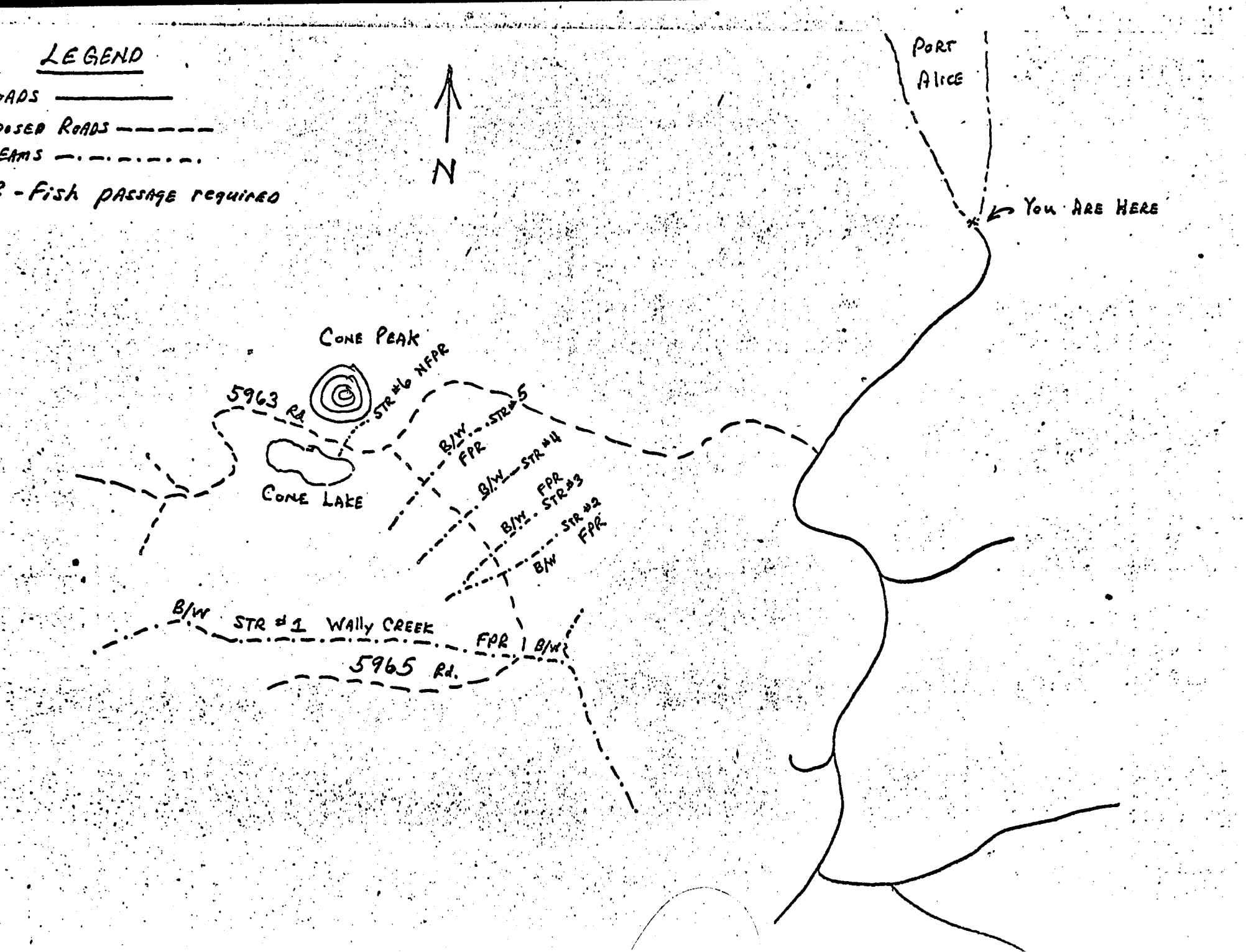
STREAM #6 - This STREAM is 12-18" + 12-18" deep AND has a MUD SUBSTRATE. IT is fair to good salmon rearing habitat below the ROAD CROSSING AND STREAM WAS flagged downstream + TAGGED AT ROAD/STREAM junction. No fish passage is required.

RECOMMENDATIONS: STREAM #1 is A CATALOGUED SALMON STREAM AND fish passage is required. Road building operations should include directional falling, No limbing or bucking IN THE STREAM AND complete cleaning of all debris within 48 hours of deposit. Only one equipment crossing is allowed AND THE SUBSTRATE should be disturbed as little as possible. No sediment or siltation should be allowed to enter the STREAM AND operations should be timed so as to avoid SALMON SPAWNING periods. No P.I. NUMBER WAS available AT THE time of this survey.

STREAM #2, 3, 4 + 5 - These are all coho rearing streams and all require fish passage. Roadbuilding operations should include directional falling, no limbing or bucking in the stream and complete cleanup of all debris within 48 hours of deposit. Only one equipment crossing is allowed.

Str #6 - This stream has coho present immediately below the proposed road crossing and if road is constructed at present location this habitat would be partially destroyed. Road should be moved backed away from Cone Lake so that no habitat will be destroyed. No fish passage is required. No debris or sediment should enter downstream and roadbuilding operations should follow the prescriptions outlined for streams 2, 3, 4, + 5.

Comments:
Water flow should be maintained at all times at all these locations while roadbuilding construction is taking place


LEGEND
ADS
OSED ROADS
EAMS
- Fish passage required
N
PORT ALICE
YOU ARE HERE
CONE PEAK
STR #6 NFPR
5963 Rd
CONE LAKE
B/W
STR #5
FPR
B/W
STR #4
B/W
FPR
STR #3
B/W
STR #2
FPR
B/W
STR #1
WALLY CREEK
FPR
B/W
5965 Rd.