C.C. Kim Turley
Fred Zeigler
Fish & Game

Date: 6-29-197

Fish Stream Survey Report

Ma N
Shah on
103-90-42

Camp Thorne Bay Stream Name(ID)

Road# I Spur Station# Unit# RP#

IN UNIT 43-19

Quad Map C-4 Section Chick Map Section

Fish Present Yes X No

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

Species Present/Stage of Development Coho and Dolly Varden.

Fry stage.

Type of Fish Habitat

Salmon Spawning Area X sq yds Describe

Salmon Rearing Area X sq yds Describe

Other D.V. C.T. Area Spawning/Rearing sq yds Describe

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
	2 Coho	2"	shocker	2 minutes
Str. #1 5-19-78	2 Coho	2½"		
	2 D.V.	4"		
	3 D.V.	3½"		
	2 D.V.	3"		
	1 D.V.	½"		
	5 D.V.	1"		
	1 D.V.	11½"		
	1 C.T.	4"		
	1 C.T.	4½"		
	1 C.T.	1½"		

DATE	#FISH	Length	Gear	Time Shocked
Str. #2 5-10-78	3 Coho	2½"	Shocker	3 minutes
	7 Coho	2"		
	1 PINK	1½"		
	1 C.T.	3"		
	2 C.T.	4½"		
	1 C.T.	4"		
	3 C.T.	1½"		
	1 D.V.	4"		
	1 D.V.	3½"		
	1 D.V.	3"		
Str #6 5-10-78	1 Coho	3"	Shocker	7 minutes
	1 Coho	2"		

Is future fish habitat enhancement possible? Yes_____ No X

If yes Describe:

978

[redacted] Unit boundary/fish stream intersection(s)
Marked with aluminum metal tags Yes X No_____
Fish stream(s) flagged with blue 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:

[illegible] is heavily [illegible] deer

Comments:

Note! See Rose & Racchini's 5-17-78 for reference and complete logging prescription for Unit "A"
Avoid deposition of Road building debris in Section #2 & #6 - 48hr cleanup of road building debris Required streams others concurrently

Survey Crew Members: Signature Date

Mark P. Biercevicz
Cathy L. Rose

Report Reviewed By Michael C Navy Forester 7-10-78
Signature Title Date

Recommendations:

fish passage Required concurrent with Road building activities on streams #1, #2 and #6. Directional falling (to include lining on salmon spawning streams) yarding away or full suspension over and 48hr cleanup of all logging or Road building debris is Required for all Blue & white striped flagged Streams. Logging operations should be timed to mitigate impact on fish - Split on all fish creeks wherever possible Chunk cleaning Required for orange & white striped portions of stream or streams concurrent with operations - Mike Navy

I Spur in unit 43-19 June 29, 1978

Stream #1 - Sta. 35+00 We found orange stripe flagging from previous survey of the 43-19 unit bdry. Stream is 2-4 ft. wide and 3-6 in. deep. Shallow pools are scattered along the creek. D.V./C.T. habitat continues above the road and is flagged orange and white. Blue stripe flagging is placed along the lower part of the stream containing coho. Stream is tagged at the unit bdry. only.

Stream #2 - Sta. 13+50 We found blue stripe flagging from previous survey of the 43-19 unit bdry. This is a salmon spawning stream. Pink salmon fry were observed in this creek. Salmon habitat continues above the road. The stream is tagged at the unit bdry. and Shaheen.

Stream #6 - Stream #6 is crossed at approx. STA. 7+00 by I spur. This stream was originally labeled #6 in MAY during the unit bdry. survey. This stream is 2-4 ft. wide and 6 to 12 in. deep. The stream has some large pools which provide good fish habitat. The stream is flagged blue and white, and is tagged at it's junction with Shaheen and at the road. Scattered pools in the area labeled "A" contain coho juv. fry. Present low water levels have trapped the fish, but during higher water levels the fish should

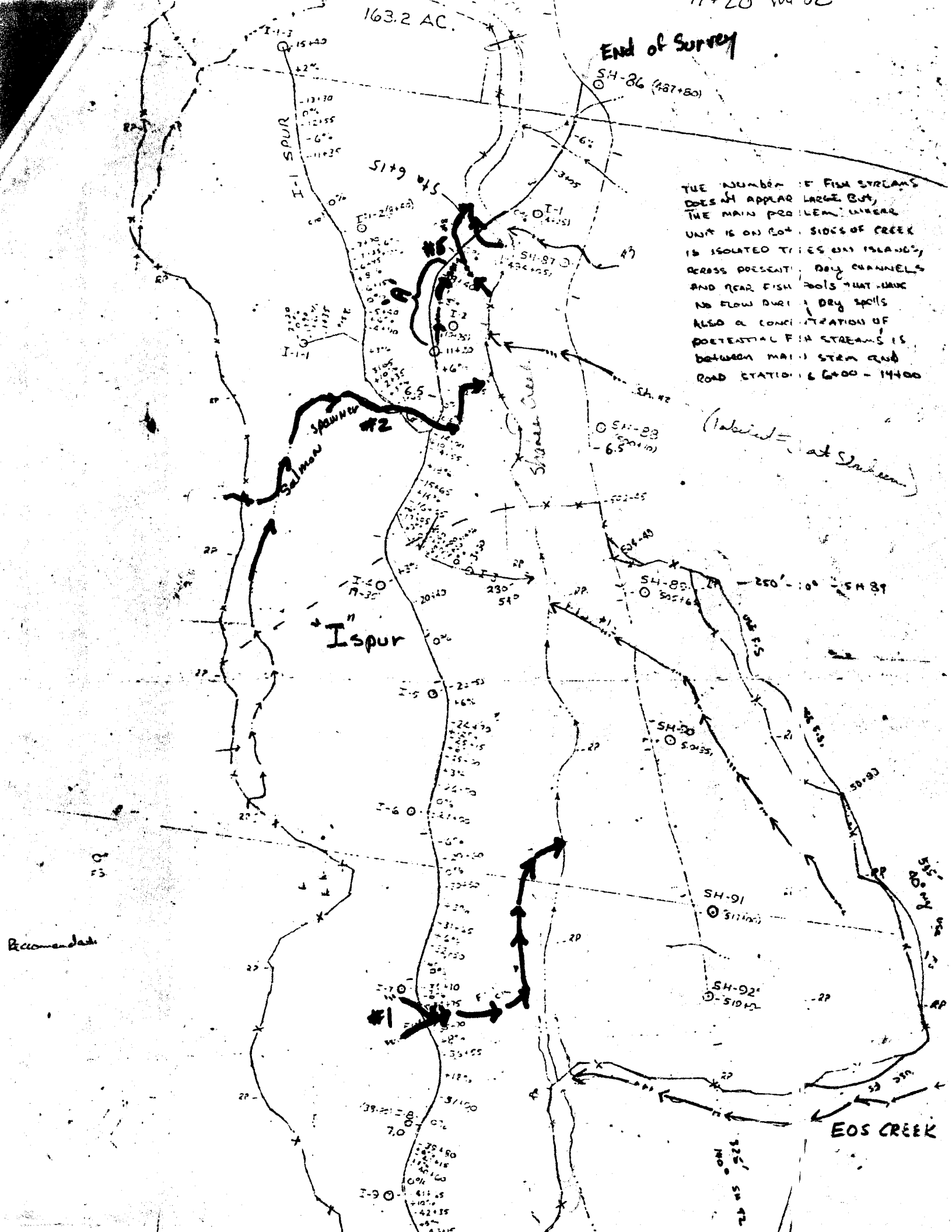
6-29-1978

be able to escape.

Recommendations:

stream #1 - Directional falling, yarding away, or full suspension and 48 hr. cleanup is required for blue flagged portions of the stream. Stream sections flagged w/orange stripe require chunk cleaning. Fish passage culvert is required concurrent with road construction.

stream #2 & 6 - Same requirements as stream #1


163.2 AC.
End of Survey
SH-86 (487+80)
I-1 SPUR
THE NUMBER OF FISH STREAMS DOES NOT APPEAR LARGE BUT, THE MAIN PROBLEM WHERE UNIT IS ON BOTH SIDES OF CREEK IS ISOLATED TAKES ON ISLANDS, ACROSS PRESENTLY DRY CHANNELS AND NEAR FISH POOLS THAT HAVE NO FLOW DURING DRY SPELLS ALSO A CONCENTRATION OF POTENTIAL FISH STREAMS IS BETWEEN MAIN STEM AND ROAD STATIONS 6+00 - 14+00
#5
#2
Salmon spawner
Shrimp Creek
SH-88
SH-89
SH-90
SH-91
SH-92
"I" spur
#1
EOS CREEK
Recommendation