cc Jim Lincoln
Paul Harrington
Fish and Game

Date: 6-7-79

Fish ~~Stream~~ Survey Report

Camp [illegible]

Stream Name(ID) 103-50-047 Stream # 6

Road# CRAIG-B-5 Station# _____ Unit _____ RP# _____

Quad Map _____ Section _____ Chick Map _____ Section _____

Fish Present Yes X No _____

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

Species Present/Stage of Development Dolly Varden juvenile and Adult Coho fry

Type of Fish Habitat

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

Stream Sketch or Map: Attach supplement if necessary:

See Supplement

Method(s) used to determine presence of fish: Shocker

Date	#Fish	Approx Length	Gear	Length of Time Fished
6-7-79	1 Dolly Varden	3"	Shocker	15 min
	2 Dolly Varden	4"		
	2 Dolly Varden	2"		
	1 Dolly Varden	5"		
	1 Coho Smolt	3"		
	1 Coho Fry	1"	observed	
	Sculpin			

Is future fish habitat enhancement possible? Yes _____ No X
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 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:
Deer beds & sign
mink & bear observed on beach

Comments:
See supplement

Survey Crew Members:	Signature	Date
Mick Corey	Mick Corey	6-8-79
Glenna Hopper	Glenna Hopper	6-8-79

Report Reviewed By Michael C Neary (Signature) Wildlife Bio (Title) 7-5-79 (Date)

Recommendations: See attached pages. Note these surveys are preliminary in nature and are intended for planning purposes only. Additional detailed surveys will be necessary once road locations and land boundaries are determined.

6/7/79

Stream #6

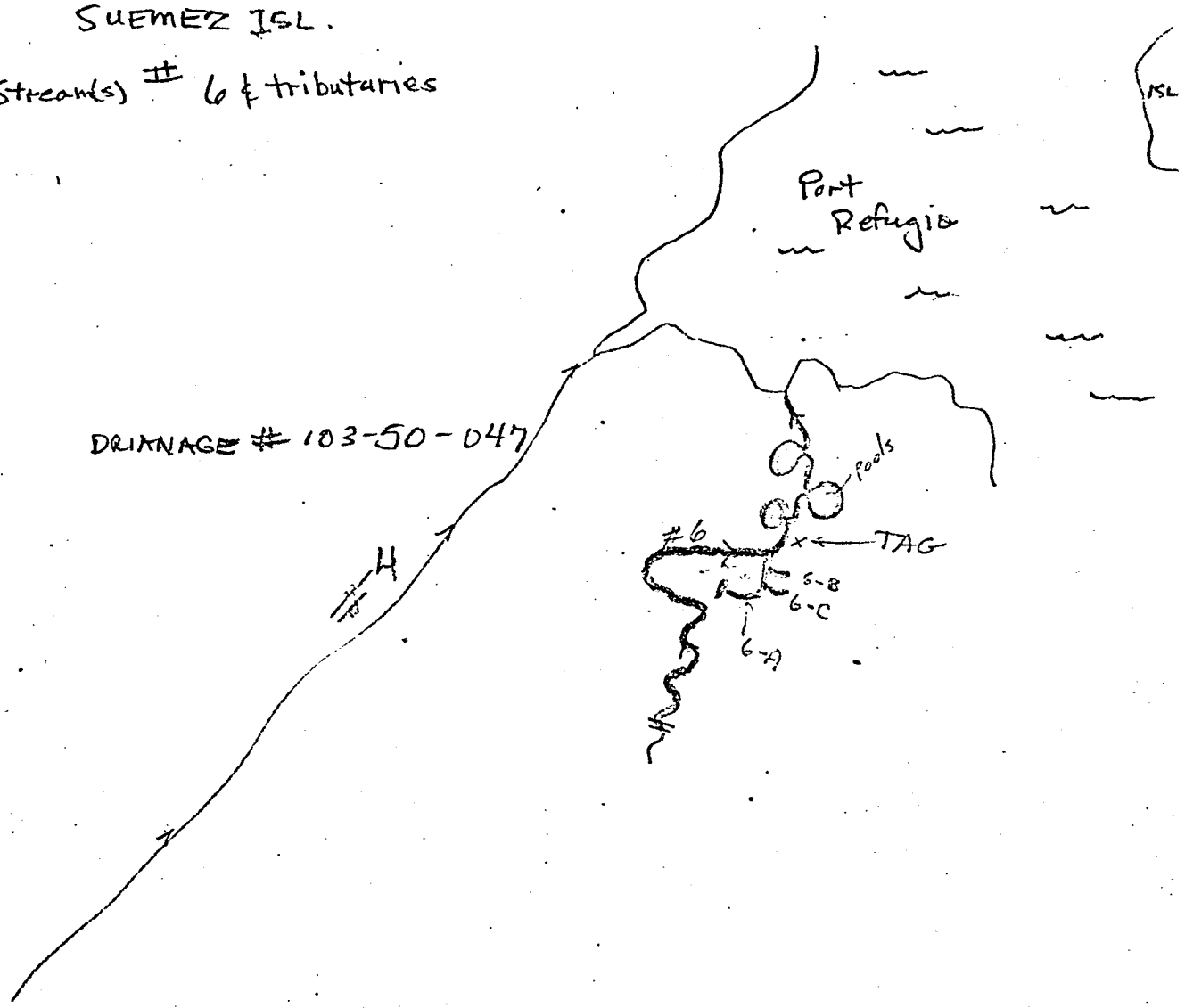
This stream is 1-2' wide, 4-8" deep with a mud/sand/gravel substrate. There are three tributaries, 6-A, 6-B, & 6-C. The stream was double flagged blue-white at end of habitat approx. 1500-2000' upstream where the head-waters start at a muskeg area. Coho fry, smolt, and Dolly Varden were shocked. This stream is good rearing habitat for coho and resident with spawning more towards mouth, temp. 48°F. FISH PASSAGE REQUIRED. Tagged at mouth.

Recommendation(s)

Directional falling to include lining if necessary. 48 hour cleanup of introduced logging-roadbuilding debris. Yarding away (1st preference) or full suspension over streams. FISH PASSAGE REQUIRED. Time operations to avoid spawning fish in creeks or deposition of silt on redds. Only one stream crossing for Proclaim. Fish passage structures required concurrent with roading.

SUEMEZ ISL.

Stream(s) # 6 & tributaries



Map not to scale

x Tagged

= End of survey

FISH STREAM

cc Jim Lincoln
Paul Harrington
Fish & Game

Date: 6/6/79

TEMP SENSITIVE

Fish Stream Survey Report

Camp Waterfall Cannery

Stream Name(ID) #2 & 3 103-50-049

Road# _____ Station# _____ Unit# _____ RP# _____

Quad Map CRAIG B-5 Section _____ Chick Map _____ Section _____

Fish Present

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

Species Present/Stage of Development Coho fry, Coho smolts

Type of Fish Habitat

Salmon Spawning Area	X	sq yds	Describe
Salmon Rearing Area	X	sq yds	Describe
Other x Area		sq yds	Describe

Resident spawning/Rearing

Stream Sketch or Map: Attach supplement if necessary:

See attached supplement(s)

Method(s) used to determine presence of fish:

Stream #	Date	# Fish	Approx Length	Gear	Length of Time Fished
2	6/6	5 - Coho	1-1½"	Shocker	5 min
		1 "	3" smolt	"	"
3.	6/7	Many Coho fry observed			

This is a cataloged temp. sensitive stream

Is future fish habitat enhancement possible? Yes _____ No X
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 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: Deer/Bear trails & sign.

Comments: See attached supplement(s)

Survey Crew Members:	Signature	Date
R. COREY	R. Corey	6/6/79
G. HOPPER	G. Hopper	

Report Reviewed By Michael E. Navy (Signature) Wildlife Bio (Title) 6-25-79 (Date)

Recommendations: See attached pages. Note! These surveys are preliminary in nature and are intended for planning purposes only. Additional detailed surveys will be necessary once road locations and unit boundaries are determined. mne

6/6/79

Stream # 2 103-50-049

This stream is 3-5' wide 4-10" deep with a rock/gravel substrate. Excellent Coho & Resident spawning/rearing habitat. Coho fry & smolts were shocked. Double flagged blue-white at end of habitat, 30% gradient, approx 1000' upstream. Temp. 48° F. FISH PASSAGE REQUIRED, Tagged at mouth.

Stream # 2-A (trib.)

This stream 1-2' wide 2-5" deep with a rock/gravel substrate. Coho fry were observed. This stream flows through very thick brushy area, flagged blue-white approx 2-300'.
FISH PASSAGE REQUIRED
Recommendations

Directional falling to include limbing if necessary 48 hour cleanup of introduced logging road building debris. Yarding away (1st preference) or full suspension over the stream(s). Time operations to avoid spawning fish in creeks or deposition of silt on redds. Only one stream crossing for proclaim. Fish passage structure required concurrent with rocking

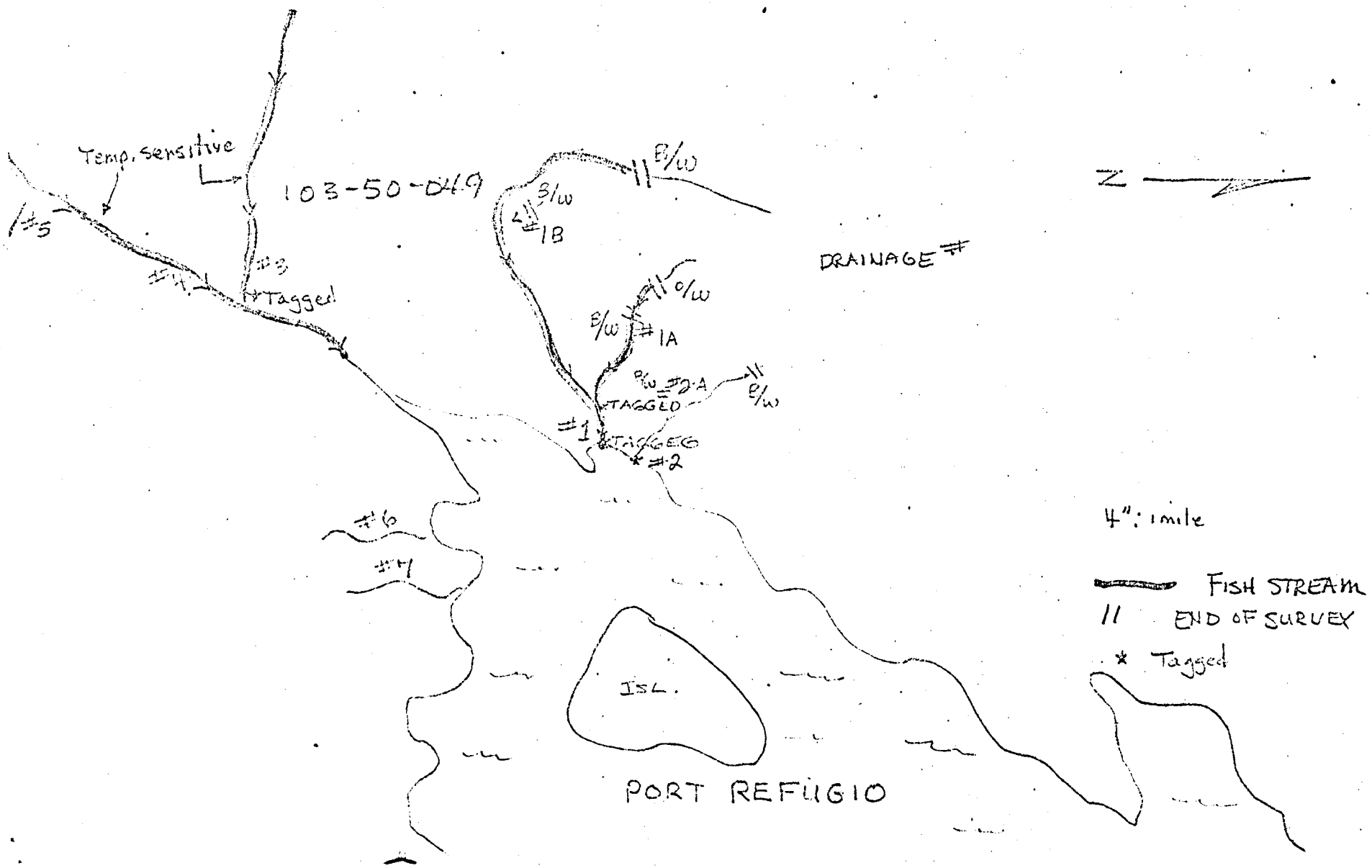
Stream #3 103-50-049

This stream is 10-18ft. wide 6"-3' deep with a bedrock/rock/gravel substrate. This stream was tagged at the confluence of stream no. 4, this is part of a cataloged "temperature sensitive" drainage system. We did not flag this stream, but it is part of a highly productive spawning & rearing ground for both salmon, and resident fishes. Tagged at confluence of stream 3 & 4.

Recommendations

This stream should be flagged to end of habitat. Fish passage required during & after logging. Only one proclaim crossing. Directional falling to include lining if necessary. 48 hour cleanup of introduced logging road building debris. Yarding away (1st preference) or full suspension over. Time operations to avoid spawning fish in the creeks or deposition of silt on Redds.

This stream is part of a cataloged temperature sensative stream & should have a 1000' leave strip between units (minimum) 2) No more than 25% of streamside overstory canopy removed in initial entry. 3) Bushes and understory vegetation adjacent to the stream protected and 4) No more than 20 chains cut on the N, NE, E, SE side with in any one unit and 10 chains on the S, SW, W and NW side

SUEMEZ ISLAND

Stream(s) # 1, 1-A, 2, 2-A & 3