cc Jim Lincoln
Paul Harrington
Fish & Game

Date: June 1979

Fish Stream Survey Report

Camp Sumer Is. Stream Name(ID) Stream #4 103-50-049

Road# _____ Station# _____ Unit _____ RP# Temperature sensative

Quad Map CRAIG B-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 _____

Type of Fish Habitat

Salmon Spawning Area X sq yds Describe 90 % gravel
Salmon Rearing Area X sq yds Describe _____
Other _____ Area _____ 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
6-7-79	1 Dolly Varden	2.5 inches	Shocker	30 min
	3 Coho	1 inch		
	1 Coho	3 inches		

Thousands of Coho observed!

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:
Bear sign - tracks
Wolf tracks
Deer,
Otter seen

Comments:
See supplement

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

Report Reviewed By Michael E. Navy (Signature) Wildlife Bio (Title) 7-5-79 (Date)

Recommendations: See attached pages. These survey reports 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

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Stream #4 Description:

This stream was surveyed from the mouth up approximately 2 miles where it was double flagged. This point, however, was not the end of the habitat. This stream was tagged at the mouth and flagged the length. Four small tributaries were flagged. Two major stream systems also flow into stream #4 and were given separate numbers and tagged. Coho and Dolly Varden were checked and thousands of coho fry were observed. The stream, therefore, was flagged Blue/white.

Stream #4 near the head is approximately 3-5 feet wide and gets progressively wider towards the mouth until it is about 20-25 feet wide. Near the head the substrate is bedrock/rock/gravel with about 20% gravel. It is 6-18 inches deep with 3 foot pools and offers excellent rearing habitat. Downstream towards the confluence of stream #5 the stream

widens and the gravel substrate increases to 80-90%. Pools in this area are 3-5 feet deep and there are many overflow channels with pools rearing Coho. Below the confluence of Stream #3 the stream gets 12-20 feet wide and 1-2 feet deep, with 6-8 feet pools. Spawning gravel remains excellent, 90-95%. Debris dams upstream present no barrier to coho fry. This stream is excellent spawning and rearing habitat for salmon and is potentially an excellent sports fishery. The average gradient was 3-6% and the bearing is 040°. The temperature was 49°F.

4-A

This tributaries is 1-2 feet wide and 3-6 inches deep with Rock/Sand substrate. Poor rearing habitat. It was flagged about 100 feet and double flagged pink/white. This is not the end of the habitat.

4-B

This tributaries was flagged [illegible] 150 feet [illegible] pink/white. It is [illegible] wide 3-5 inches

deep with Sand/mud substrate. Coho rearing habitat.

4-C

This is flagged Blue/white. Ice about 75 feet which is [illegible] the end of the habitat. It is 2-[illegible] inches wide with a mud substrate. Coho rearing habitat.

4-D

This stream was flagged Blue/white to the end of the habitat. It is 1-2 feet wide 2-4 inches deep with mud substrate Coho observed. Coho rearing habitat.

6-7-79

Stream 7-4 Recommendations:

Stream 7-4 will necessitate bridge crossings and the tributaries 7-A, 7-B, 7-C, 7-D will require fish passage.

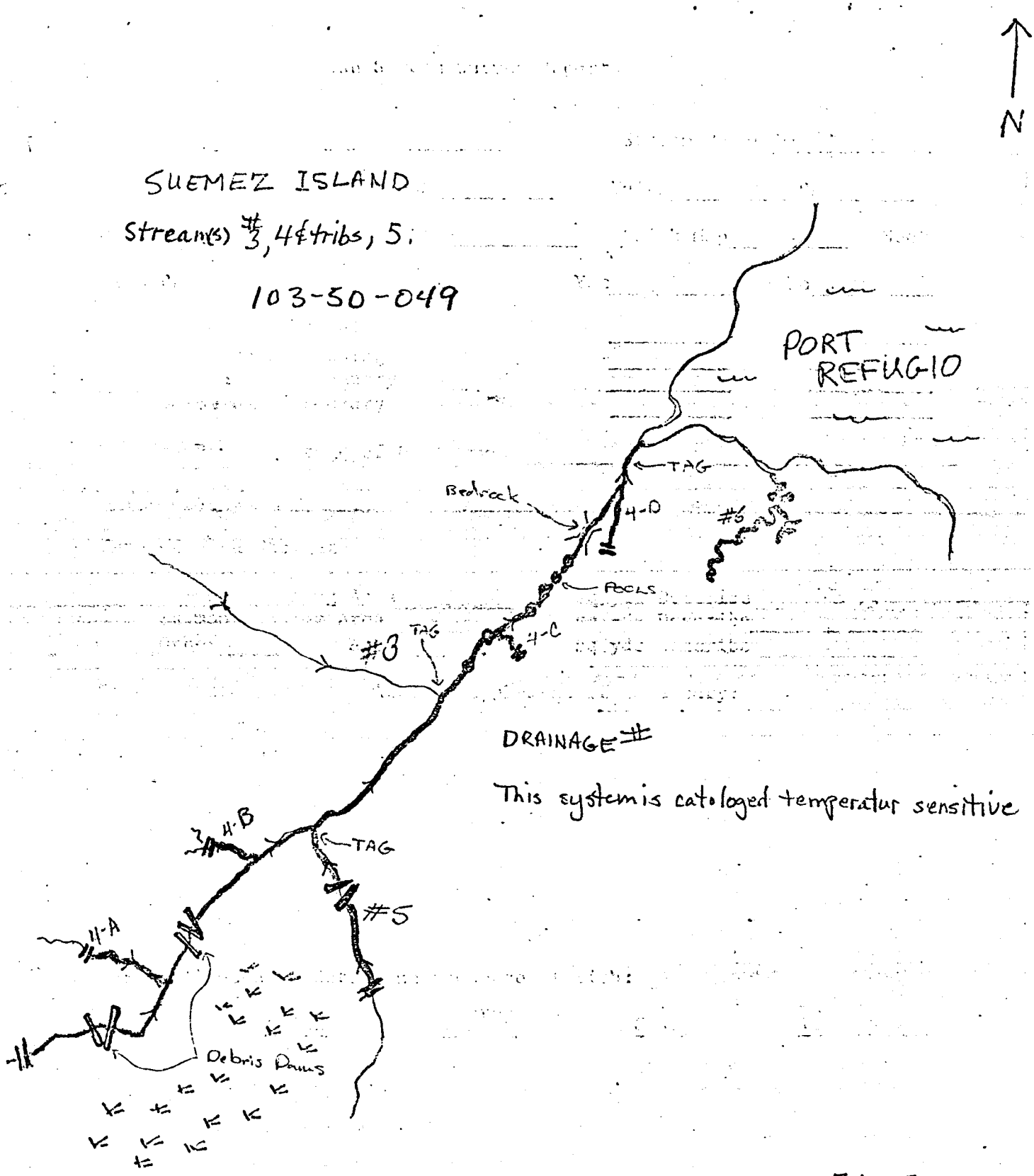
Direction [illegible] to include lining if necessary. 48 hour cleanup of introduced logging, roadbuilding debris. Yarding away (1st preference) or full suspension over the stream(s). Time operations to avoid spawning fish in creeks or deposition of silt on Redds. Only one stream crossing for Proclain. Fish passage structure required concurrent with roading.

This drainage system is catologed "temperature sensitive", and should have a 1000' leave strip between units, and comply with prescriptions due temperature sensitive streams. 1) No more than 25% of streamside overstory canopy removal in initial entry. 2) Protect brush and understory adjacent to streams. 3) No more than 20 chains cut on N, NE, E side of stream and 10 chains on S, SW, W, NW side of stream.

SUEMEZ ISLAND

Stream(s) #3, 4 & tribs, 5.

103-50-049



This system is cataloged temperatur sensitive

= END OF SURVEY

FISH STREAM

4 inches : mile