CC Len Brady
Mike Lorton
~~Fish & game~~

Date: 9/24/79

Fish Stream Survey Report

Stream # 4

Camp Naukati - Marble Island

Stream Name(ID) # 103-90-088

Road# _____ Station# _____ Unit# #8 RP# _____

Quad Map Craig D-5 Section _____ Chick Map _____ Section _____

Fish Present Yes X No _____

Above Road Crossing	* Road was not surveyed	
Below Road Crossing	X	
Within Unit Boundary	* ~~Unit was~~ not ~~Flagged~~	
Below Unit Boundary		

Species Present/Stage of Development Dolly Varden - Adults & Juvenile

Type of Fish Habitat

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

Stream Sketch or Map: Attach supplement if necessary:

See maps

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

Date	#Fish	Approx Length	Gear	Length of Time Fished
9/20/79	2 Dolly Varden	4"	Shocker	30 min.
	2 Dolly Varden	3"		
	2 Dolly Varden	2"		

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~~ 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

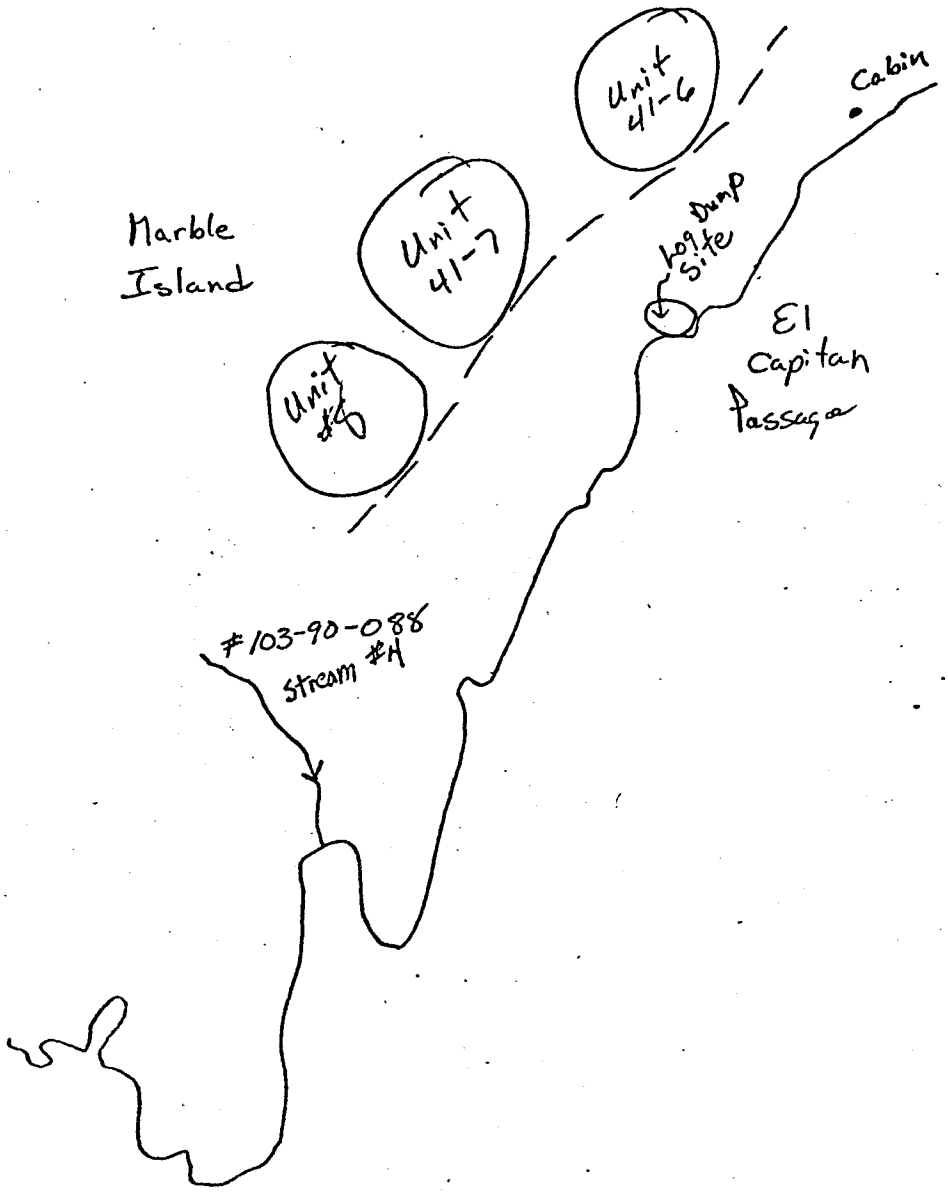
Pertinent Wildlife Information:

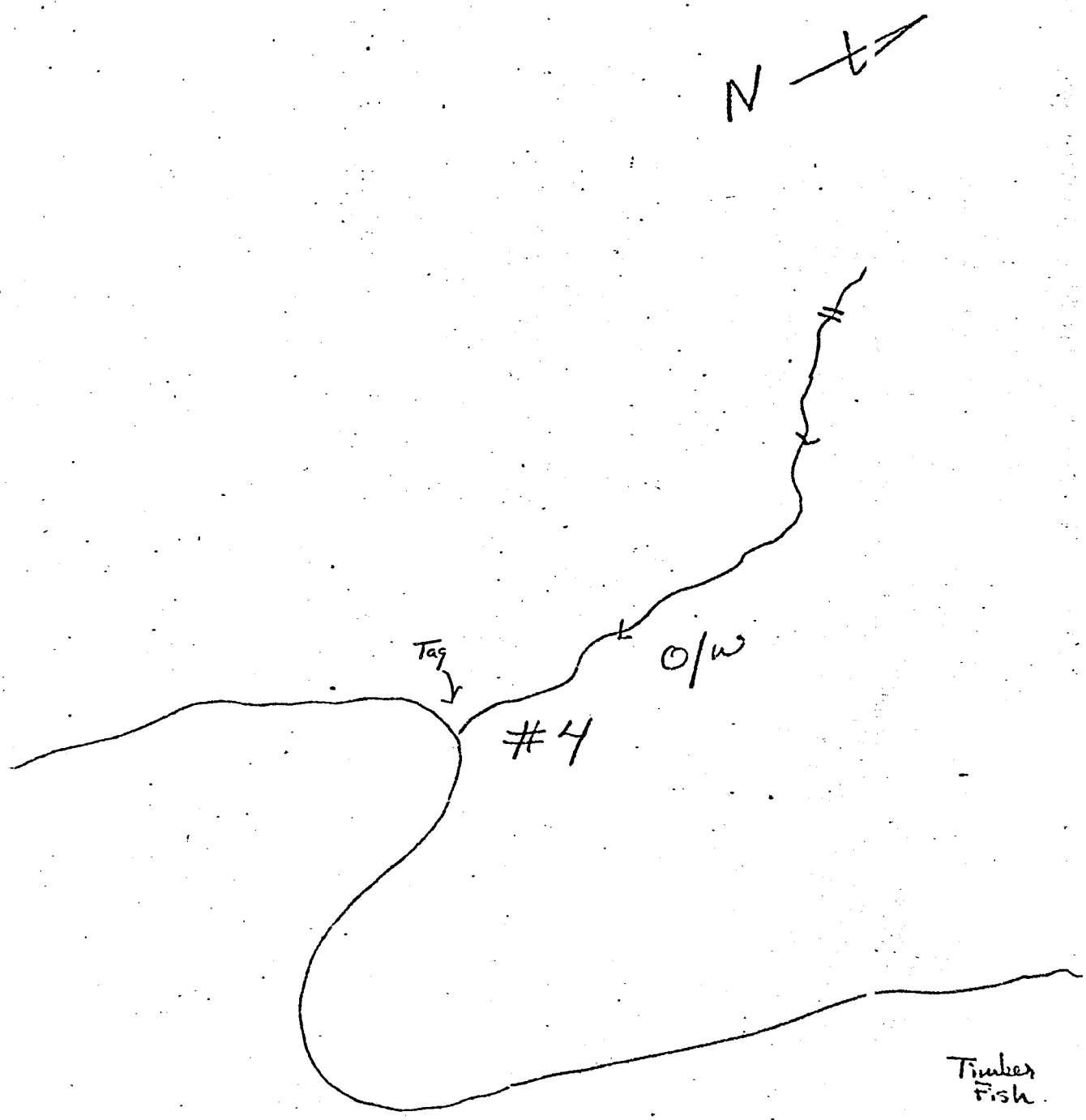
Comments:
We checked the stream several hundred feet above fish habitat and found no signs of unit boundaries or roads. The stream is a categorized salmon stream #103-917-088 we found no evidence of salmon use, on an even year salmon may use the intertidal zone and the first 200' of the stream

Survey Crew Members:	Signature	Date
Jim McCullough	Jim McCullough	9/24/79
Glenna Hopper	[illegible]	9/24/79

Report Reviewed By Michael C. Navy Wildlife Bio 9-24-79
Signature Title Date

Recommendations:
Note unit boundaries and road lines not flagged on date of fish stream survey. See attached pages for detailed write up and recommendation. This unit / road may require additional survey once locations are flagged in


Unit 41-6
Cabin
Marble Island
Unit 41-7
Log Dump Site
El Capitan Passage
Unit #8
#103-90-088 Stream #4


N
Tag
O/W
#4
Timber
Fish

stream #4
cat. # 103-90-088

The stream is 3' to 5' wide and 2" to 6' deep with 1' pools. The substrate is rock/gravel/sand, giving excellent trout spawning/rearing habitat. The stream is a cataloged salmon stream, but may be utilized only during even years. Because of the shallowness of the stream, salmon probably could use only the intertidal zone and the first 200' of the stream. Trout habitat extended for 300' of the stream. The stream was flagged orange/white and tagged at the mouth of the stream, near the beach.

Recommendations:

If the proposed unit boundary or road crossing, encompasses the portion of the stream utilized by trout or salmon the stream should be look at again; otherwise, water quality should be maintained.