cc Jim Lincoln
Paul Harrington
Fish and Game

DLS

Date: 6-15-79

Fish Stream Survey Report

Camp Snemer Rd. Stream Name(ID) Stream #17 103-50-047

Road# _____ Station# _____ Unit _____ RP# _____

Quad Map CRAIG B-4 Section _____ Chick Map _____ Section _____

Fish Present Yes X No _____

Above Road Crossing _____ _____
Below Road Crossing _____ _____
Within Unit Boundary _____ _____
Below Unit Boundary _____ _____

Species Present/Stage of Development Coho: Resident, Sculpin

Type of Fish Habitat GOOD COHO/RESIDENT SPAWN/REAR

Salmon Spawning Area X sq yds Describe _____
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: shocker

Date	#Fish	Approx Length	Gear	Length of Time Fished
Stream #17 6-13-79	Numerous Coho FRY	1 inch	observed	
	Sculpin	2 inches	shocked	10 minutes
	Resident	2-3 inches	observed	
	Coho	1 inch	shocked	

Is future fish habitat enhancement possible? Yes _____ No ✓
If yes Describe:

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

Pertinent Wildlife Information:
Deer sign & trails

Comments:
See supplement

Survey Crew Members:	Signature	Date
Glenna Hopper	Glenna Hopper	6-15-79

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

Recommendations: See attached pages. 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

Stream # 17 6-13-79

Stream #17 was flagged Blue/white upstream about 2000 feet. It was double flagged but this was not necessarily the end of the habitat. One tributary was flagged, 17-A. Coho were shocked and observed

This stream is 3-6 Feet wide at the mouth and gradually narrows to 2 feet. It is 3-6 inches deep with 12 inch pools. The substrate consists of Rock/Gravel and in some places is entirely bedrock. The gradient is very gradual, 2-3% at the mouth increasing to about 5% then leveling off to 1-2% through a muskeg area. The temperature was 49° F. The bearing is about 180°.

Tributary 17-A was flagged about 300 feet to a debris dam that could possibly be a fry barrier, and double flagged. This stream has a bearing of 220°. It is 2-3 Feet wide, 3-6 inches deep with 12 inch pools. The substrate is Rock/Gravel.

This stream system is excellent Coho rearing

habitat with moderate spawning area. It is also good resident spawning and rearing habitat.

This area recieves high deer use indicated by numerous well worn trails, some of which were down to mineral soil. Wolf tracks were observed on the beach as well as bear sign.

Recommendations:

1) Fish passage required. Concurrent with rocking
2) Directional falling to include lining if necessary and landing away from the stream or full suspension over
3) Use of explosives at non-critical times of the year for salmon.
4) No limbing or bucking in the creek.
5) 48 hour cleanup of road building & logging debris

6) Follow-up work before actual road construction and logging of units.
7. Time operations to avoid spawning fish or deposition of silt on redds