~~Fish Stream #23 Fish + Catalog evidently~~ DS

cc Jim Lincoln ~~should be HF Wrong~~

Paul Harrington

Fish & Game

Date: 6-15-79

Fish Stream Survey Report

Camp Waterfall / SUEMEZ ISL Stream Name(ID) Stream #23,24 103-50-044

Road# _____ Station# _____ Unit _____ RP# 103-50-45

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

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

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
Stream #24 6-14-79	20 Coho	1 inch	observed	
	Cataloged drainage system			
Stream #23 6-14-79	1 Coho	1 inch		

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 _____ No X
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 & Deer sign

Comments:
See supplement

Survey Crew Members:	Signature	Date
Glenna Hopper	Glenna Hopper	6-15-79
R. COREY	Rod Corey	6-18-79

Report Reviewed By Mike Navy (Signature) Wildlife Bio (Title) 7-15-79 (Date)

Recommendations: See attached pages

Date:

Fish Stream Survey Report

Waterfall

Camp Suemez Is - Port Refugio Stream Name(ID) Stream 25 103-50-0414

Road# _____ Station# _____ Unit _____ RP# _____

Quad Map CRAIG B-4 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 COHO

Type of Fish Habitat GOOD COHO & RESIDENT Spawn/rear

Salmon Spawning Area X sq yds Describe _____

Salmon Rearing Area X sq yds Describe _____

Other X RESIDENT 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
Stream 25 6-14-79	1 COHO sculpin	1 inch	shocker	10 minute

cataloged drainage

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 _____ No X
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
Deer

Comments:
see supplement

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

Report Reviewed By Mike Navy Wildlife Bio 7-5-79
Signature Title 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 the road locations and unit boundaries are determined. See ADF&G stream catalog info on these.

Stream #23, 24, 25 6-14-79

These streams, 23, 24 and 25, all empty into a large tidal flat area in the S.E. section of Port Refugio. These streams were tagged at the mouth but not flagged for lack of time. These streams have been identified as salmon streams by the ADF&G. Follow up work is necessary to complete the survey & flag these streams. Coho were shocked in each, and any tributaries should be identified.

Stream # 23 is 4-6 feet wide, 2-8 inches deep at the mouth and has a predominately gravel substrate. A small tributary enters 23 where the stream was tagged, 23-A. It is 1-2 feet wide, 2-4 inches deep with 6 inch pools. Substrate is Rock/Gravel over Bedrock. It is fair spawning and rearing habitat. Stream # 23 is excellent spawning and rearing habitat.

Stream # 24 spreads across the tidal flat but averages 6-8 feet wide at the mouth, 4-8 inches deep with gravel substrate. It is excellent spawning and Rearing habitat

for Coho.

Stream #25 is 4-6 feet wide, 3-6 inches deep with 10 inch pools. The substrate consists of small gravel and sand. The creek flows through a series of tidal ponds. Coho were shocked. This is Good Coho Spawning and Rearing habitat.

All the streams described in this report that empty into Port refugio should be rechecked, once the main road is red lined through the area, to assure the proper fish passage requirements.