cc Jim Lincoln
Paul Harrington
Fish and Game

Date: 6/8/79

Fish Stream Survey Report

Port Refugio
Sumez Isl.

Camp Waterfall Cannery

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

Road# _____ Station# _____ Unit _____ RP# _____

Quad Map Craig B-5 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 fry & Dolly Varden

Type of Fish Habitat Excellent COHO & RESIDENT Spawning & Rearing

Salmon Spawning Area yes sq yds Describe _____
Salmon Rearing Area yes sq yds Describe _____
Other X Area _____ sq yds Describe _____
Dolly Varden

Stream Sketch or Map: Attach supplement if necessary:

See attached supplement.

Method(s) used to determine presence of fish: BP-3 mod-2 Electro fish Shocker.

| Stream # | Date | #Fish | Approx Length | Gear | Length of Time Fished |
|---|---|---|---|---|---|
| 1 | 6/6/79 | 10 COHO | 1-2" | Shocker | 5 min. |
| | | 2 D.V. | 2" | " | " |
| 1A | " | 8 COHO | 1-1½" | " | " |
| | | 1 D.V | 2" | " | " |
| 1B | " | 10-20 COHO | 1" | Observed | |

Is future fish habitat enhancement possible? Yes X No ____

If yes Describe: Att. Mike Pease,

Some probable fry barriers log jams, falls/cascades, above tributary 1B.

= Mouths of confluences

= ~~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, If so attached completed fish stream parameter Data form | Yes ____ | No X |

Pertinent Wildlife Information: Deer sign, Bear sign. Otter den, Bear den. Wildlife trails along entire stream.

Comments: See attached supplement.

| Survey Crew Members: | Signature | Date |
|---|---|---|
| R. COREY | R. Corey | 6/8/79 |
| C. Hopper | Chris Hopper | |

Report Reviewed By Michael E. Mary (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 prior

WATERFALL CANNERY 6/6/79 1-2
PORT REFUGIO DRAINAGE # 103-30-049
SUMEZ ISLAND

Stream # 1

This stream is approx. 4-8' wide & in some places as much as 15-20' wide. Depth is 3-12" with pools 20-30" & a temp. of 46°F. Substrate consisted of 80% med. gravel & some large rock/boulders. The stream cuts a deep gorge almost its entire length, 50-60% gradient on both sides, & stream gradient is 4-8%. This stream was tagged at mouth & flagged blue/white for approx. 1 mile where a fish barrier was encountered, (falls with 30-35% gradient). Excellent Coho & Resident spawning & rearing habitat. FISH PASSAGE REQUIRED.

Stream #1 A (TRIB.)

This stream is approx. 4-6' wide to as much 12-15' wide with a depth of 4-10" & some 16" deep pools. Substrate consists of 70% med. gravel with some rock & boulders. This stream was tagged at the

(TRIB) Stream 1A continued

confluence of stream 1 & flagged blue-white to possible fish barrier (falls/cascade) approx. 1000' upstream. We flagged orange-white another 500' up to another falls/cascades gradient 20-25%. Excellent COHO & resident spawning/rearing habitat. FISH PASSAGE REQUIRED.

(TRIB) Stream # 1B

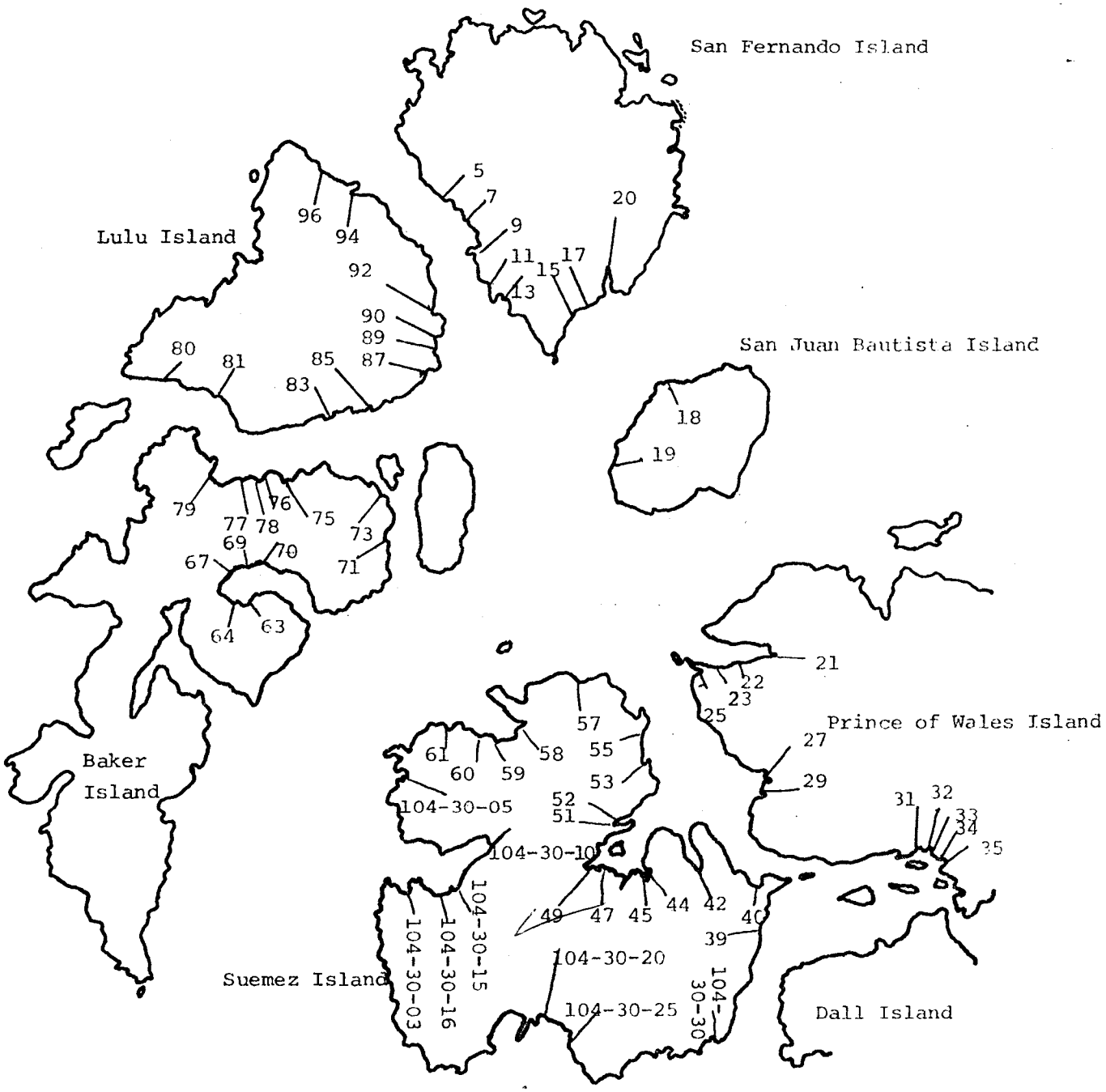
This trib we observed many coho fry. we flagged blue/white for approx. 300' where we encountered a fry barrier. FISH PASSAGE REQUIRED.

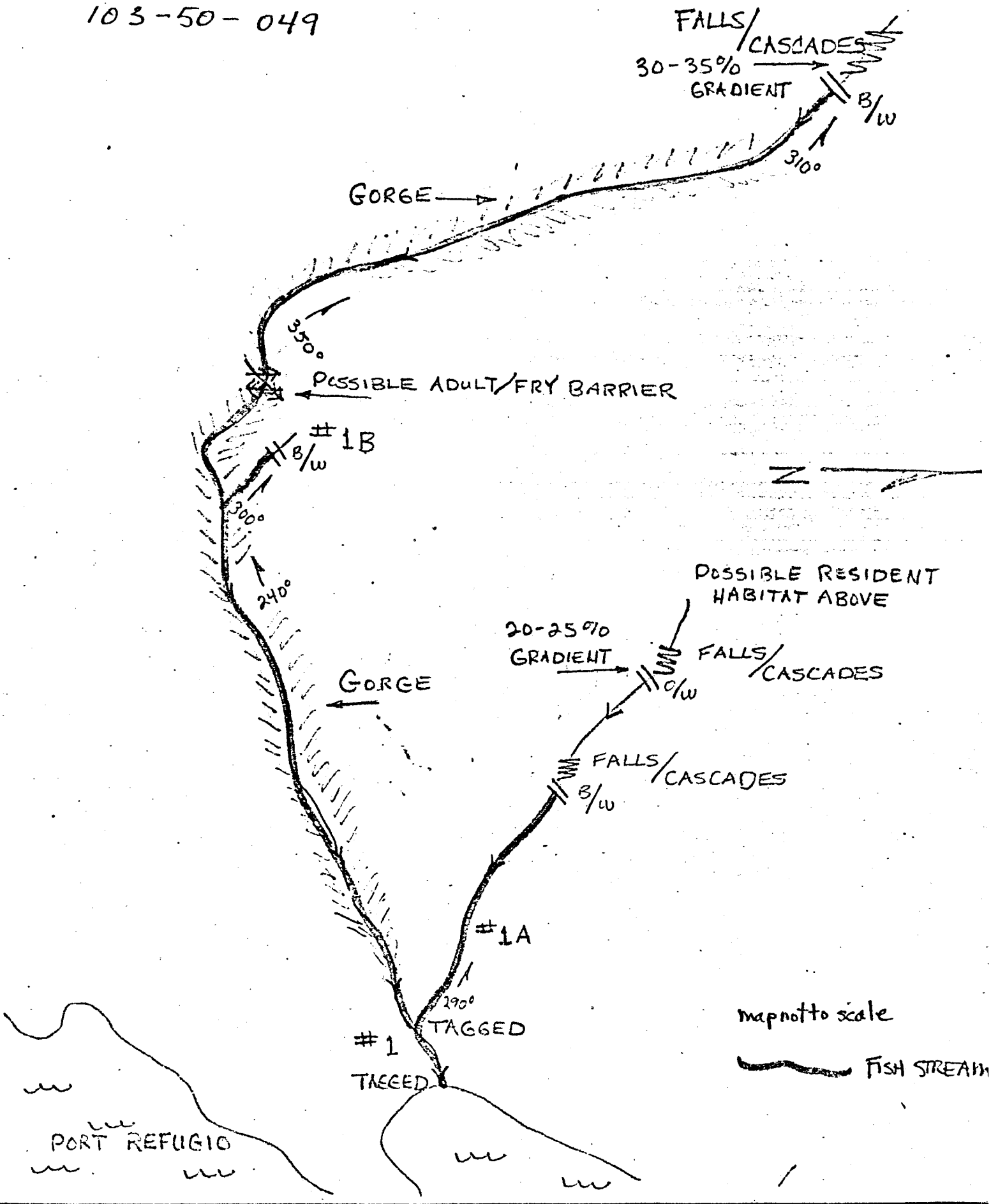
Recommendations

Directional falling to include lining if necessary. 48 hour clean up of logging/roadbuilding debris. Yarding away (1st preference) or fells suspended over the stream(s). Time operations to avoid spawning fish in creek or deposition of silt on redds. Only 1x stream crossing for proclain. Fish passage required concurrent with rocking.

STREAM LOCATIONS

Subdistrict 103-50
(Including outside Suemez Island 104-30)



SUMEZ ISLAND

103-50-049