



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Fish Distribution Database

RECEIVED

JAN 26 2004

STATE OF ALASKA  
FISH & GAME

Region Southeast

USGS Quad Petersburg C-4

Fish Distribution Database Number of Waterway 10642-10070

Name of Waterway unnamed (Zinc Creek)  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>04 252</u>	<u>[Signature]</u>	<u>8/21/04</u>
Revision Year:	<u>2005</u>	Fisheries Scientist	Date <u>9/21/04</u>
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>19 May 04</u>
	Both <u>x</u>	FDD Project Biologist	Date <u>10/14/04</u>
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	Date _____
		Drafted	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho (S <sup>+</sup> )	7/29/2002		fry	yes	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**IMPORTANT:** Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

**Comments:** see attached notes. Juvenile fish were collected with an electroshocker.

*Add new stream w/ COR*

Name of Observer (please print):

Signature:

Address:

ERIC JOHNSON  
[Signature]  
BSA 602 PETERSBURG  
707 772-5769

Date:

01/23/04

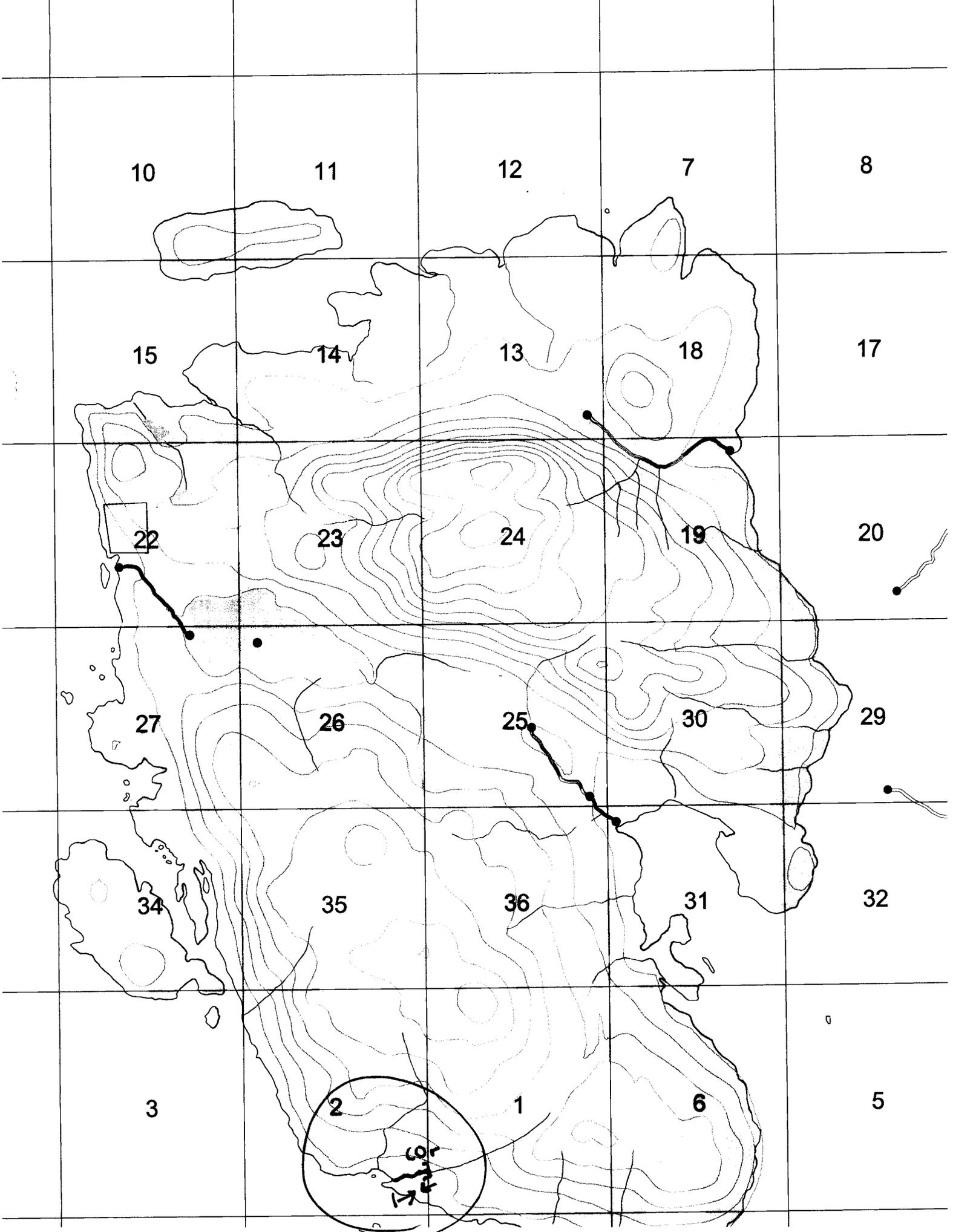
This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.

Signature of Area Biologist:

Name of Area Biologist (please print):

[Signature]

Revision 04/03



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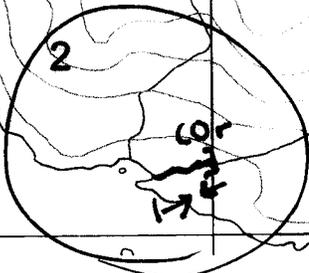
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MAP 4

ZINC CREEK

TO ALEXANDEZ  
COVE

MUSKEG  
AT PASS

FEN AT TOP  
OF PASS

CUTTHROAT  
+  
DOLLY VARDEN

HC2  
CLASS II

CLASS 1  
AT MOUTH

MM1  
CLASS 1

SUMNER  
STRAIT

UNSURVEYED  
TRIBUTARY

COHO  
FISH

ESTUARY

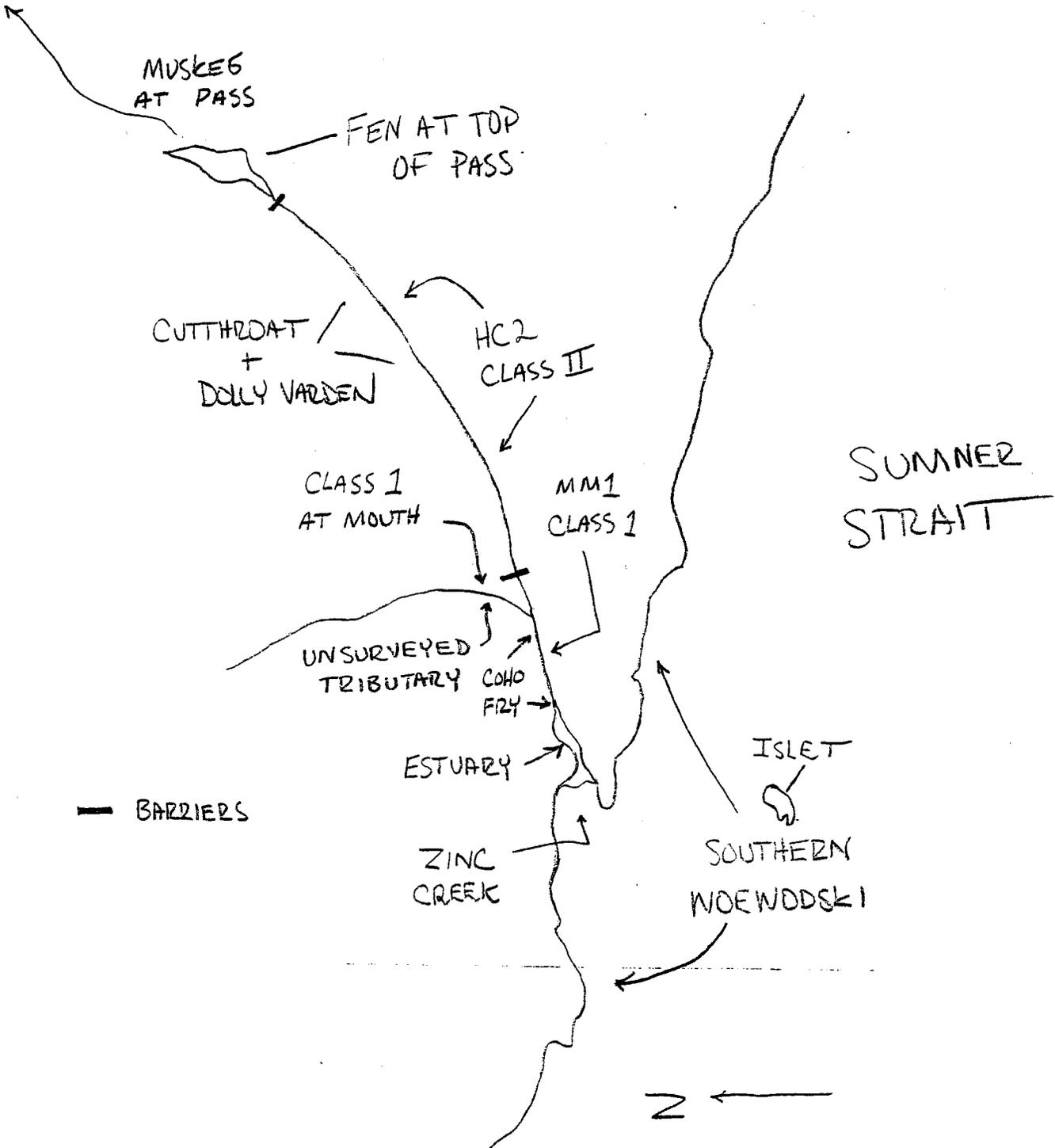
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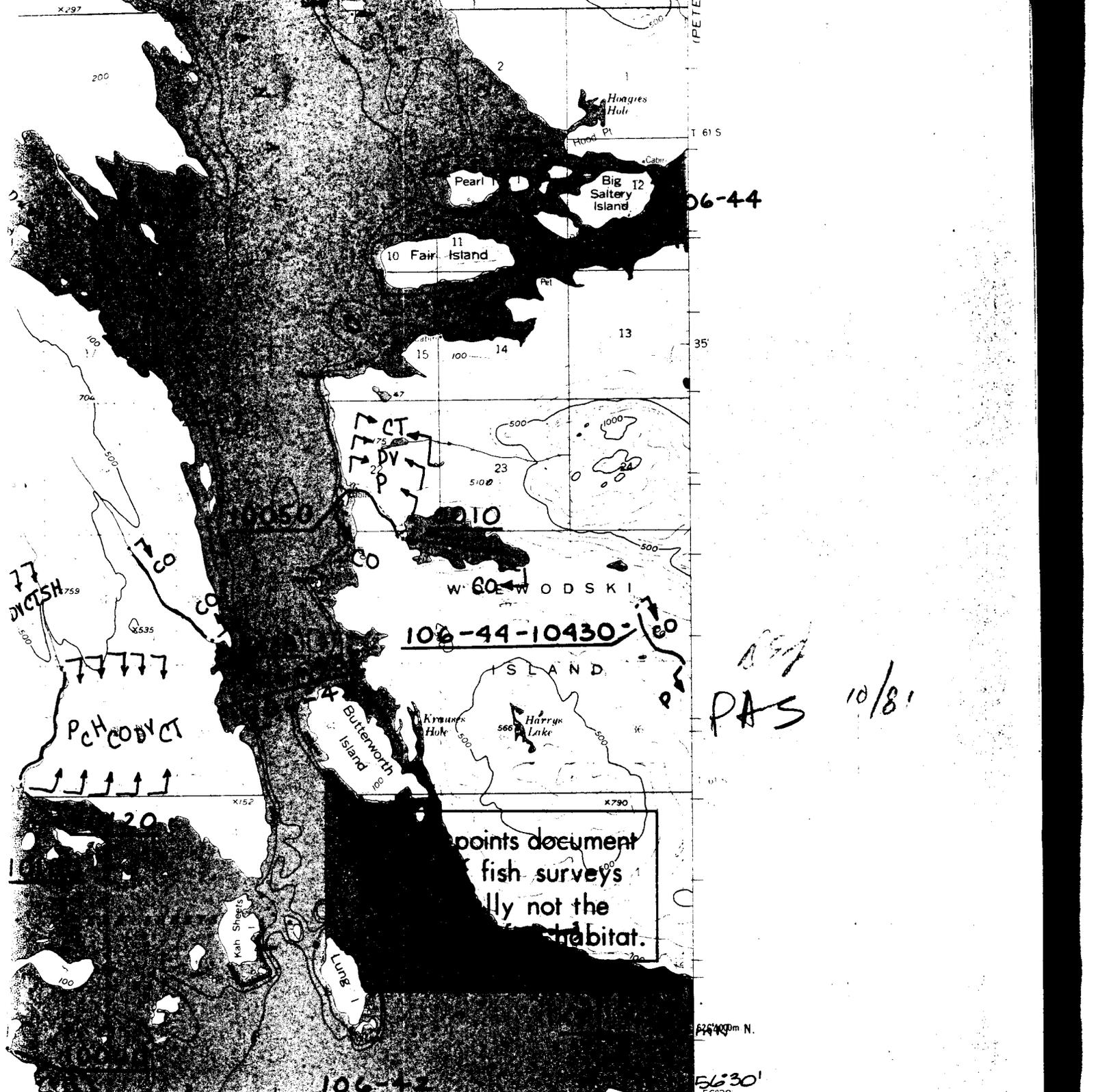
— BARRIERS

ZINC  
CREEK

SOUTHERN  
NOEWODSKI

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06-44

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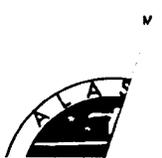
PAS 10/81

points document  
fish surveys  
lly not the  
habitat.

106-44



PETERSBUF  
N6630



ANC-H/3-03

BY	DATE
BB	3/1/83

**Zinc Creek** (un-named) no ADF&G #

56 degrees 31' 10" N            133 degrees 01' 50" W  
Southwest corner of Woewodski Island approx. 1.0 mile south of Whiskey Pass.

Zinc Creek (not previously named) flows from an upper island muskeg/pass in a southwesterly direction down to the SW corner of Woewodski Island (see map 4). The creek is lined with miner trails and claims. The mouth of the stream has a relatively extensive estuary for the size of the drainage (ES2) that is potentially good coho rearing. The lower approximately 700 ft. of the stream is an MM1 channel that shows limited coho spawning. The stream has plenty of large wood in channel for good summer rearing. As the channel increases gradient (8-10%) the stream becomes class II. The channel remains class II, HC2 up to the fen located at the island pass. Some cutthroat were sampled in the lower reaches (MM1) and mostly Dolly Varden were found in the headwaters. The deeply incised downstream left streambank is extremely susceptible to erosion. Several areas just above the slopebreak have been cleared (mining claims) and are eroding the streambanks. The channel appears to have had some uplift (faultline) along the south (downstream left) streambank.

**Observations:** 1. The stream is one of a few Woewodski Island systems that support a small run of coho. With approximately 700 ft. of class I habitat and only the estuary available for winter rearing the system may be rearing limited. 2. I wonder how the system geology effects fisheries resources in this small drainage.

## JD Johnson

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**From:** Eric J Johnson [ejjohnson@fs.fed.us]  
**Sent:** Tuesday, May 18, 2004 5:08 AM  
**To:** j\_johnson@fishgame.state.ak.us  
**Subject:** Re: fish numbers for stream nominations

Sorry about the lag-time J.D. I am a new father (Lathum) and have been gone for a while...

Un-named (Coho) Creek was electro-fished at various lengths of the stream up to a waterfall barrier (25+ feet). A high density of coho fry was both shocked and observed in this system. I say high in comparison with the rest of the island streams (2nd only to the Harvey Lake sytem which is much larger). Numbers are approximate: shocked - 10-15 fry, five 1 or 2+; observed 200+ fry & 25+ 1 or 2+...

Un-named (Zinc) Creek was electrofished at various lengths up to end of fish habitat. This system showed a relatively low density of coho juveniles. Relative in terms of small island system. Coho shocked 5 fry, two 1 or 2+ ; 20 fry observed. Resident cutthroat and Dolly Varden habitat was found quite a ways beyond the end of anadromous habitat.

Thanks for the updates J.D.

\_E

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Eric J. Johnson  
Fisheries  
Tongass NF, Petersburg RD  
907 772-5969  
ejjohnson@fs.fed.us

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JD Johnson  
<j\_johnson@fishgame.state.ak.us>

04/26/2004 12:20  
PM

Please respond to  
j\_johnson@fishgame.state.ak.us

""Brenda Wright""  
<bwright01@fs.fed.us>

ejjohnson@fs.fed.us

Subject  
fish numbers for stream nominations

To

cc