

State of Alaska
 Department of Fish and Game
 Nomination for Waters
 Important to Anadromous Fish

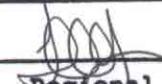
AWC Volume SE (SC) SW W AR IN USGS Quad Seward D-5

Anadromous Water Catalog Number of Waterway 247-60-16230-2050-3003

Name of Waterway Trail To 20 mile USGS name _____ Local name _____

Addition Deletion _____ Correction _____ Backup Information _____

For Office Use

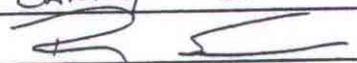
Nomination # <u>96-059</u>		<u>2/16/96</u>
Revision Year: <u>96</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Dean W. Hughes</u>	<u>2/13/96</u>
Both <input checked="" type="checkbox"/>	<u>Z. Inoue</u>	<u>3/27/96</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
COHO SALMON	10/93	~20			X
COHO SALMON	10/21/94	75			X

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: ABOUT 20 COHO WERE OBSERVED SPAWNING IN THIS N.E. FORK OF TWENTY MILE RIVER IN 1993. WATER WAS "SILTY", SUBSTRATE APPEARS TO BE FINE TO MEDIUM GRAVEL w/ SOME LARGER COBBLE. IN 1994 DEPARTMENT AERIAL SURVEY COUNTED 75 COHO IN THE LOWER 1/4 M.
 ATTACHMENT - MEMO

Name of Observer (please print) BARRY STRATTON
 Date: 1/18/95 Signature: 
 Address: 333 RASPBERRY RD.
ANCHORAGE AK 99518

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Andreas G. [Signature]

ADD STREAM

247-60-10230-2050-3003

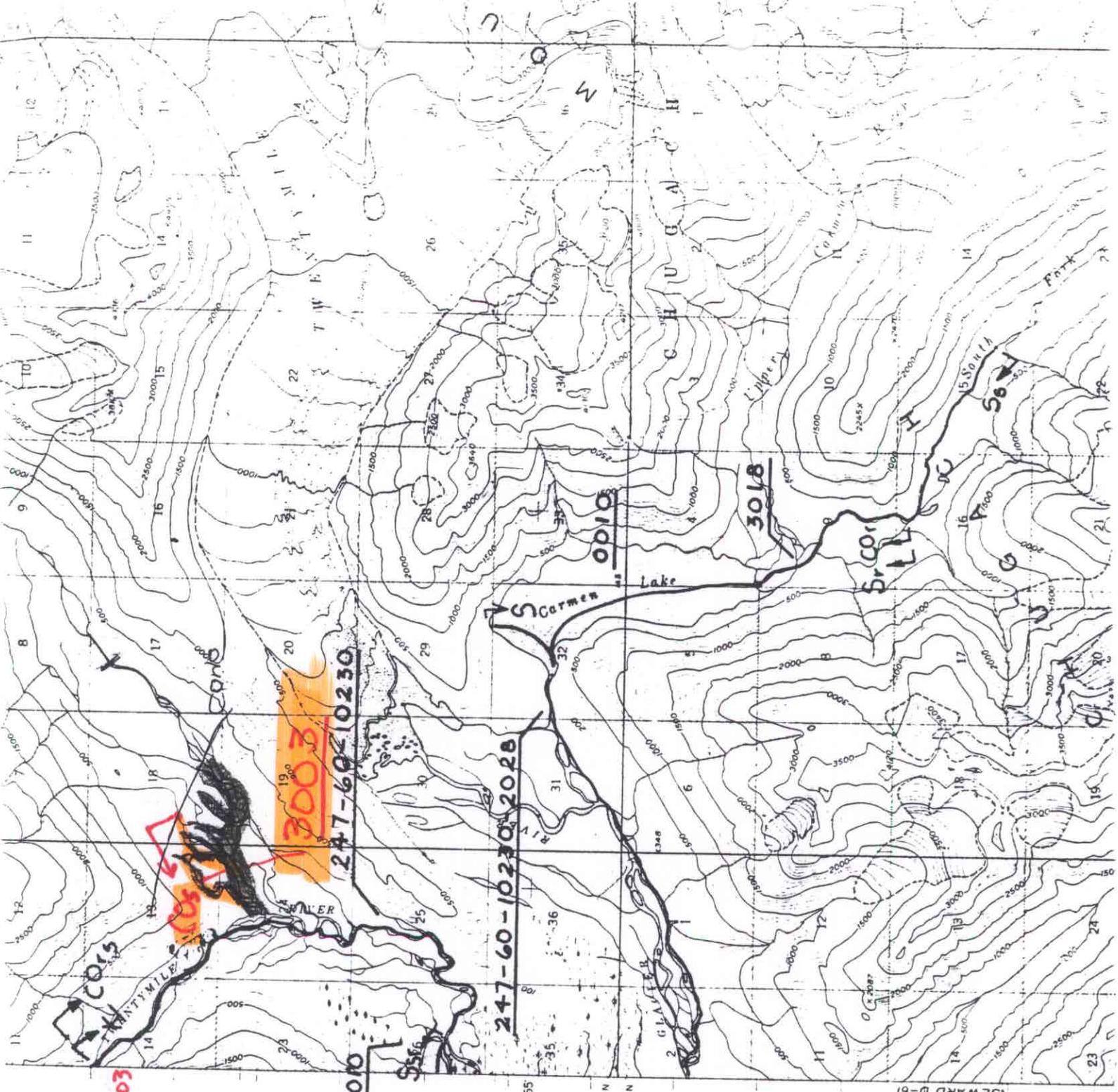
for COs

247-60-10230-0010

247-60-10230-2028

247-60-10230

3003



ISEWARD D-61

MEMORANDUM

STATE OF ALASKA

TO: Andy Hoffmann
 Area Management Biologist
 Division of Sport Fish
 Anchorage

Date: October 24, 1994

From: Barry Stratton 
 Fishery Biologist
 Division of Sport Fish
 Anchorage

Subject: Turnagain Arm coho

While Turnagain Arm produces the largest wild stock coho salmon runs in the Anchorage Management area, only anecdotal information is available on run timing and abundance of these stocks. The targeted effort and harvest of these "late run" stocks have markedly increased the past five years, particularly in Twentymile River. This increased harvest and effort, coupled with no information on spawning escapements, prompted some public concerns about overharvest of Twentymile River stocks,

Don Perrin, FWT II, and I chartered REGAL AIR's Cessna 185 last Friday (10/21) and flew coho salmon escapement surveys of Twentymile River, Portage Creek, Placer Creek, and Placer River drainages. My index counts are listed below.

Twentymile River Drainage

	<u>Coho</u>	<u>Chum</u>
"A" Hole Slough	75	0
N.E. TRS → "Goat" Creek	75	0
TO 20 m. Riv. → Mainstem (above "beaver ponds")	780	0
Glacier River	50	20
Upper Carmen River	0	0
South Fork	6	0
TOTAL	986	20

Portage Creek

Mainstem	0	0
"Snagger" Sloughs	0	0
TOTAL	0	0

Placer Creek

0	0
---	---

Placer River

Sloughs and Mainstem	55	0
Skookum Creek	750	0
TOTAL	805	0

Visibility ranged from poor in Portage Creek, Glacier and Twentymile River below their confluence, and mainstem Placer River to excellent in all other surveyed streams and areas. Surveys appeared to be "past peak," and I recommend flying these surveys the first week of October next year.

As a side note, there appears to be two distinctive coho runs in Placer River. When Paul Cyr and I returned from posting signs in Eshamy on August 13, we counted 500 coho salmon in the clear water sloughs. These fish were not present last week.

cc: Cyr
 Delaney
 Hepler