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

1987
Year of Revision

87-234

Anadromous Water Catalog Volume Western

USGS Quad (75) Bethel D-2

Name of Waterway Eureka Creek

Anadromous Water Catalog Number of Waterway

335-20-16600-2400-3244-4050-5021

Change to
Atlas
Catalog
X Both
Addition X
Deletion
Correction

ALASKA DEPT. OF FISH & GAME
OCT 9 1986
REGION II
HABITAT DIVISION

For Office Use

Nomination #

Regional Supervisor 10/28/86 Date

OK SS 11/16/86

Drafted FI 11/4 Date

Name addition:

USGS name Eureka Creek

Local name

Species	Date(s) Observed	Spawning	Rearing	Migration
coho salmon	Aug. 26, 1986		X	

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

collected by electrofishing in #4050 - see attached survey form
upper limits established by helicopter observations
noting barriers to upstream migration

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

Name of Observer (please print) C. Anderson / D. Schneider Lan

Date: 10/7/86 Signature:

Address: ADF&G - Anchorage

Signature of Area Biologist: R. Kim Francisco

B3 FISH HABITAT SURVEY 8/86

ANDERSON 335-20 X-4.2

Observer(s) SCHNEIDERHAN Watershed No. 2400-3244-+1.7

Stream No. 4050 Stream Name Dominion Creek

Weather: Clear, (Prt. Cloudy), Cloudy

Stream Stage: (High), Low, Medium

Precip. Today mod Yesterday mod This Week heavy

Altitude 1400 M.S.L U.S.G.S. Quad R-Mission A-2

Lat. 60°59.9" N Long. 159°36.1" W

Temp: Air 46° Water 43° Time 1830 Date 8/26/86

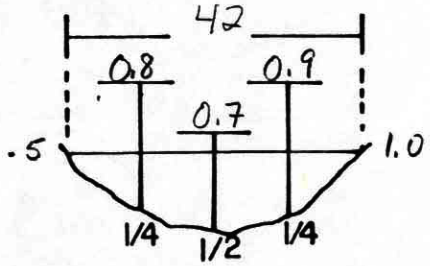
Water Q.: Muddy, Murky, Stained, (Clear)

Substrate %: Mud 5, Sand 20, Gravel 25, Cobble 50, Boulder —, Bedrock —

Habitat Quality 1 → 6 (Poor — Excell)

Spawning 5 Rearing 6 Migration 3

Flow: LOOKING UPSTREAM



V= 0 0.1 2.9 2.0 0

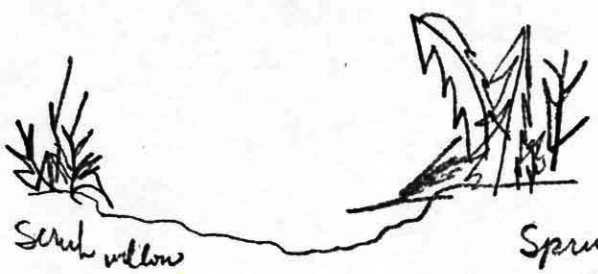
Lots of juveniles present

Length mm.	Fish Species K	CO	S	DV/AC	W	SF	SC			
		47								
		43								
		44								
		45								
		35								
		37								

Gear EF Est. Area Sampled 4200

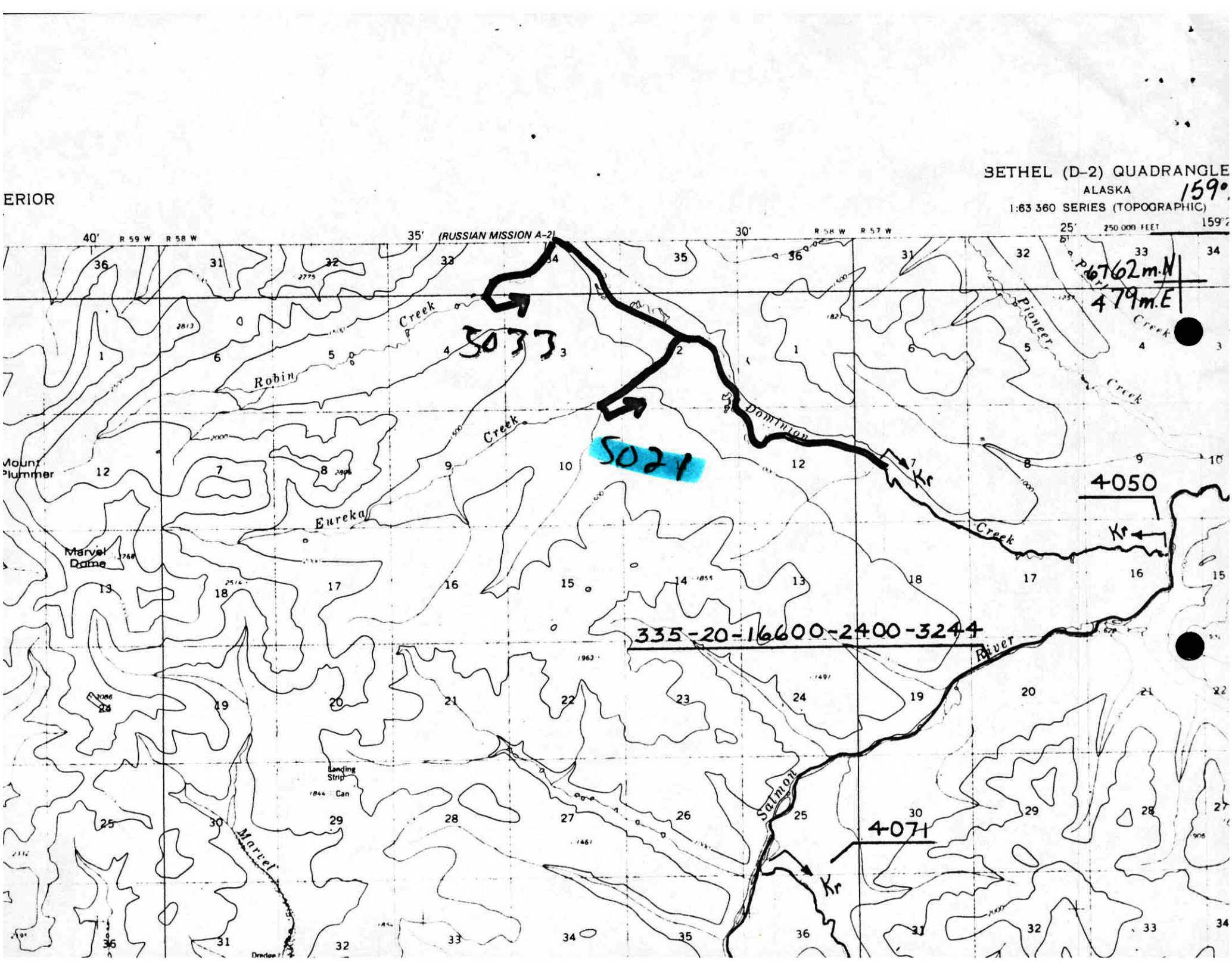
Sampling Time 250 Est Sampling Efficiency 10%

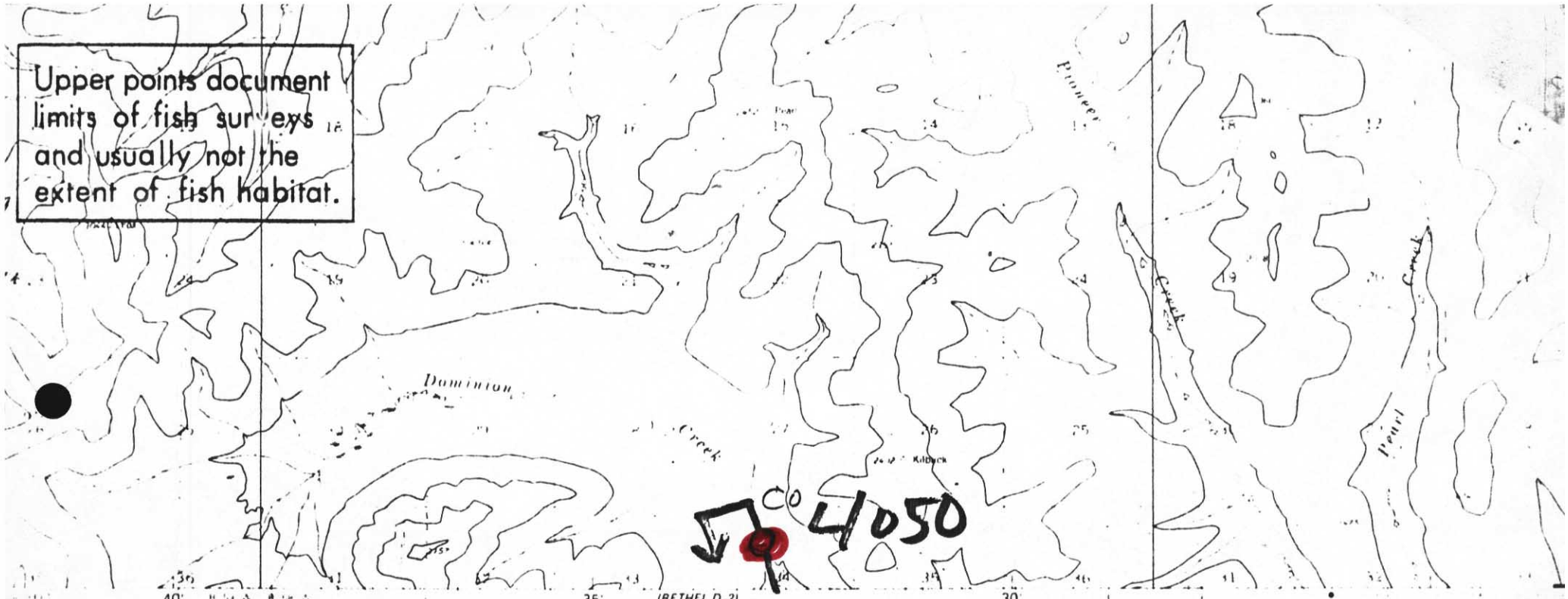
Channel Diagram (include bank&stream features, vegetation)



Lots of standing spruce
25-30' high, dead + alive

LOOKING UPSTREAM


ERIOR
BETHEL (D-2) QUADRANGLE
ALASKA
1:63 360 SERIES (TOPOGRAPHIC)
159°
40' R 59 W R 58 W
35' (RUSSIAN MISSION A-2)
30' R 58 W R 57 W
25' 250 000 FEET
6762m.N
479m.E
5037
5024
4050
4071
335-20-16600-2400-3244
Robin Creek
Eureka Creek
Dominion
Pioneer Creek
Creek
Kr
Mount Plummer
Marvel Dome
Landing Strip
Marvel
Salmon
River


Upper points document limits of fish surveys and usually not the extent of fish habitat.

Survey Site

the Geological Survey

ds from aerial photographs
ap not field checked

coordinate
datum

he Bureau of
Meridian

wetter areas,
aerial photographs

TRUE NORTH
MAGNETIC NORTH
20°
APPROXIMATE MEAN DECLINATION 1978

FOR SALE BY U S GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

QUADRANGLE LOCATION

RUSSIAN MISSION (A-2), A
N6100 W15922.5/15 X 22.5
1978

COMP. DRC
DRAWN CB
REVISED DRC
APPROVED ERL

PROJ. TITLE
ANADROMOUS STREAM CATALOG

MAP TITLE

ALASKA DEPARTMENT OF FISH AND GAME
STATE OF ALASKA