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

1987
Year of Revision

87-303

Anadromous Water Catalog Volume Western

USGS Quad 79 Sleetmute C-4

Name of Waterway Vreeland Creek

Anadromous Water Catalog Number of Waterway
335-20-16600-2800

Change to _____ Atlas
_____ Catalog
X Both

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

Addition X

Deletion _____

Correction _____

Name addition:

USGS name Vreeland Creek

Local name _____

For Office Use

Nomination # _____

Regional Supervisor — Date 10/20/86

OK SJS — 11/17/86

Drafted FL — Date 11/4

Species	Date(s) Observed	Spawning	Rearing	Migration
CO	8/26/86	✓	✓	

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

Electroshocked sample (see attached form). From helicopter observation habitat upper limits appear to be at: T.16 N., R.45 W., Sec 20., S.M. Young of year coho juveniles in electroshock sample indicates spawning up to at least sampling site

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) K. Sundberg, L. Trasky

Date: 10/7/86 Signature: [signature]

Address: ADF&G 333 Raspberry Road
Anchorage AK 99518

Signature of Area Biologist: R. Kim Francisco

FISH HABITAT SURVEY

8/86
X-16.7
+1.3

Observer(s) Sundberg Trasky Watershed No. 335-20

Stream No. 2900 Stream Name Vreeland Creek

Weather: Clear, Prt. Cloudy, (Cloudy)

Stream Stage: (High), Low, Medium

Precip. Today Moderate
Yesterday Moderate
This Week heavy

Altitude 700 M.S.L U.S.G.S. Quad Sleet C-4

Lat. 61°35.1' N Long. 157°26.4' W

Temp: Air 46 Water 38 Time 0900 Date 26 Aug 86

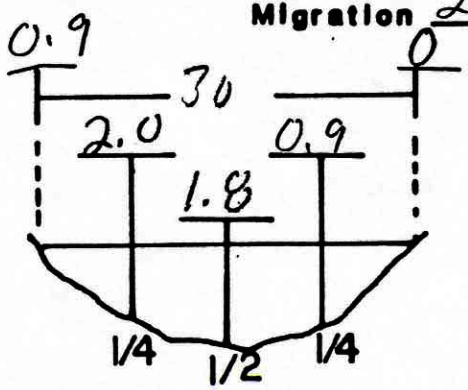
Water Q.: Muddy, Murky, (Stained), Clear

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

Habitat Quality 1 → 5 (Poor → Excell)

Spawning 2
Rearing 3
Migration 2

Flow: LOOKING UPSTREAM



v= 0.7 1.7 1.1 0.7 0

Fish Species

K	CO	S	[illegible]/AC	W	SF	SC			
	80					15			
	55								
	46								
	65								
	45								
	52								
	43								
	55								
	40								
	46								
	43								
	45								

Length mm.

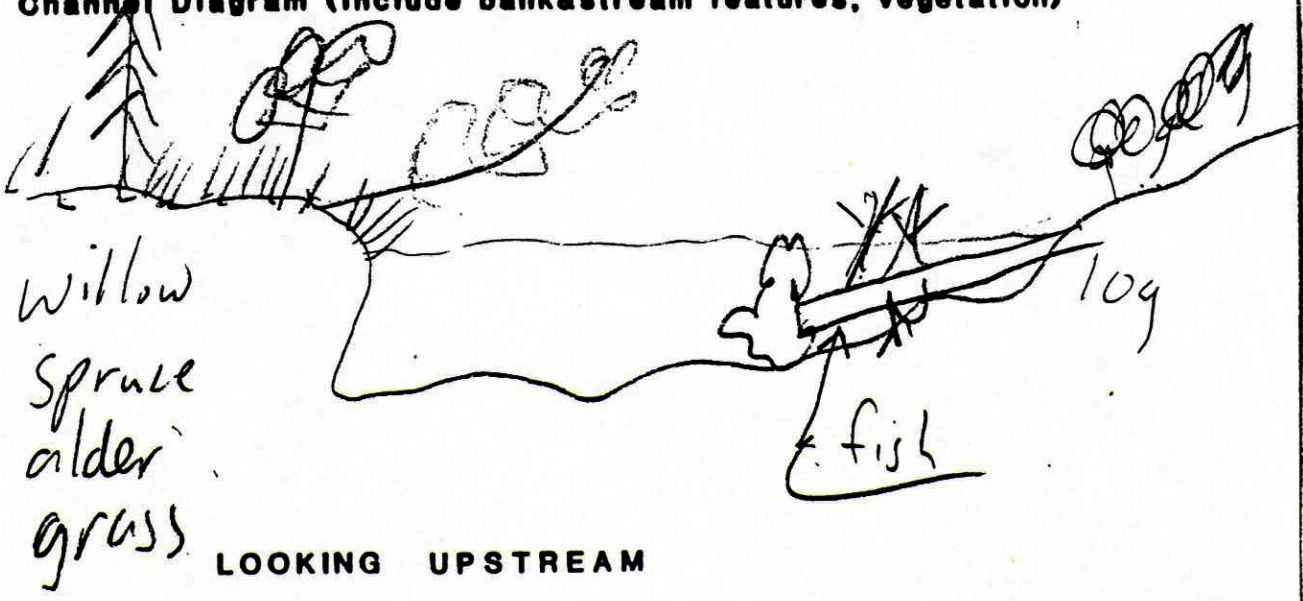
Gear EF

Est. Area Sampled 200 x 20

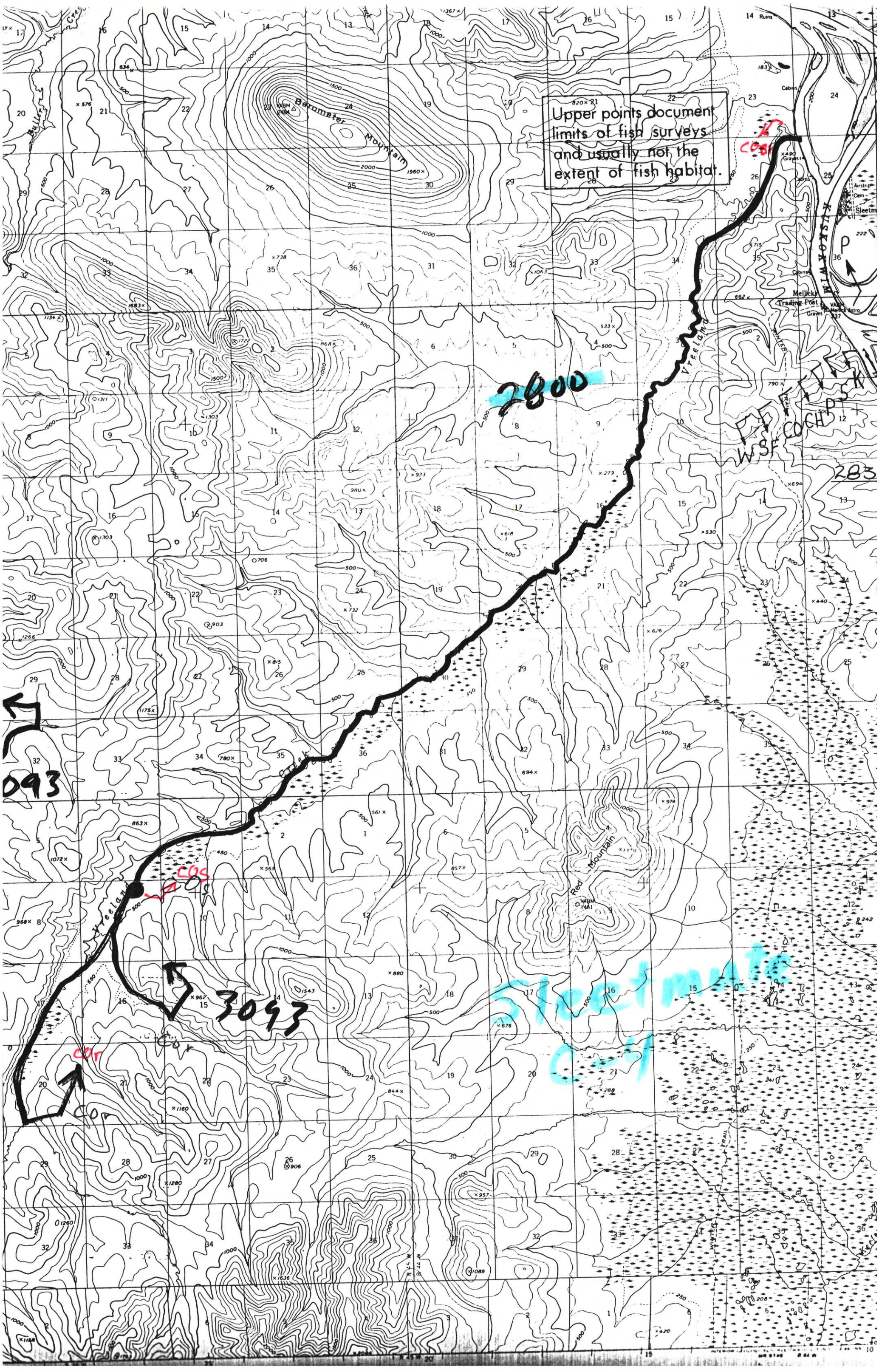
Sampling Time 400 sec (a.f.) 13500

Est Sampling Efficiency 60%

Channel Diagram (include bank&stream features, vegetation)



LOOKING UPSTREAM


Upper points document limits of fish surveys and usually not the extent of fish habitat.
Barometer Mountain
Red Mountain
Vreeland
Mellicks Trading Post
Sleetmute
2800
3093
283
093
COS
COP
WSF
COCH
P