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

AWC Volume SE (SC) SW W AR IN USGS Quad SELDOVIA A-4; SELDOVIA B-4

Anadromous Water Catalog Number of Waterway 242-32-10140

Name of Waterway SCURVY CREEK USGS name ___ Local name X

Addition ___ Deletion ___ Correction X Backup Information X

For Office Use

Nomination # 95 014		
Revision Year: 95	Regional Supervisor	1/12/95 Date
Revision to: Atlas X Catalog ___ Both \	Ed Weiss	12/20/94
Revision Code: B-6 B-2	L. Grove Drafted	12/22/94 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
PINK SALMON	8/23/94	343			
CHUM SALMON	8/23/94	0	0	0	
DOLLY VARDEN	8/19/94; 8/23/94	200	120/350		

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: 8/19 – AERIAL SURVEY; 8/23 – GROUND SURVEY
SEE ATTACHED MEMO W/ MAP

ALASKA DEPT. OF FISH & GAME
SEP 14 1994
REGION II
HABITAT AND RESTORATION DIVISION

Name of Observer (please print) WES BUCHER / GREG DEMERS

Date: 9/12/94 Signature: Greg Demers

Address: ADF&G
3298 DOUGLAS ST. HOMER, AK.

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: Wesley Bucher

Rev. 7/93

MEMORANDUM

State of Alaska

Department of Fish & Game

Division of Commercial Fisheries Management & Development

To: Don McKay/Ed Weiss
Habitat Biologists
Anchorage

Date: September 8, 1994

File:

Telephone: 235-8191

From: Wes Bucher
Area Management Biologist
Div. of Comm. Fisheries
Management and Development
Homer

Subject: Scurvy Creek
Stream Survey -
Lower Cook Inlet

As you know there has been keen interest in Scurvy Creek, the small coastal stream located on the outer Kenai Peninsula, as a potential PNP salmon hatchery site by Mr. Larry McCubbins. Because there have been questions about the distribution and abundance of anadromous species in this drainage, a ground survey of Scurvy Creek was conducted by Greg Demers and Tom Sigurdsson on August 23. These two men comprise our regular ground survey crew and have many years of experience walking streams to enumerate salmon escapement in Lower Cook Inlet. This memo summarizes the results of their survey.

Approximately 750 pink salmon were observed in one school along the beach just offshore of the stream mouth. The intertidal section contained 300 adult pink salmon and 35 pink salmon carcasses. The intertidal portion of the stream is relatively short, as the upper 20 yards rises abruptly with a series of small pools (in bedrock) and includes a short, narrow falls. The falls appeared to be above tidal influence, and due to the extremely low water conditions at the time of the survey, were temporarily acting as a barrier to fish passage. This was deduced by the fact that only eight (8) adult pink salmon were observed upstream from the falls, all within the lower half mile of the drainage. No chum salmon were observed in any portion of the stream.

The stream was surveyed upstream for approximately three miles until the large (25-30 ft.) barrier falls was encountered. Two separate schools of adult Dolly Varden were observed in the lower two miles of the stream, along with numerous Dolly Varden fry and fingerlings of various sizes which were present up to the falls.

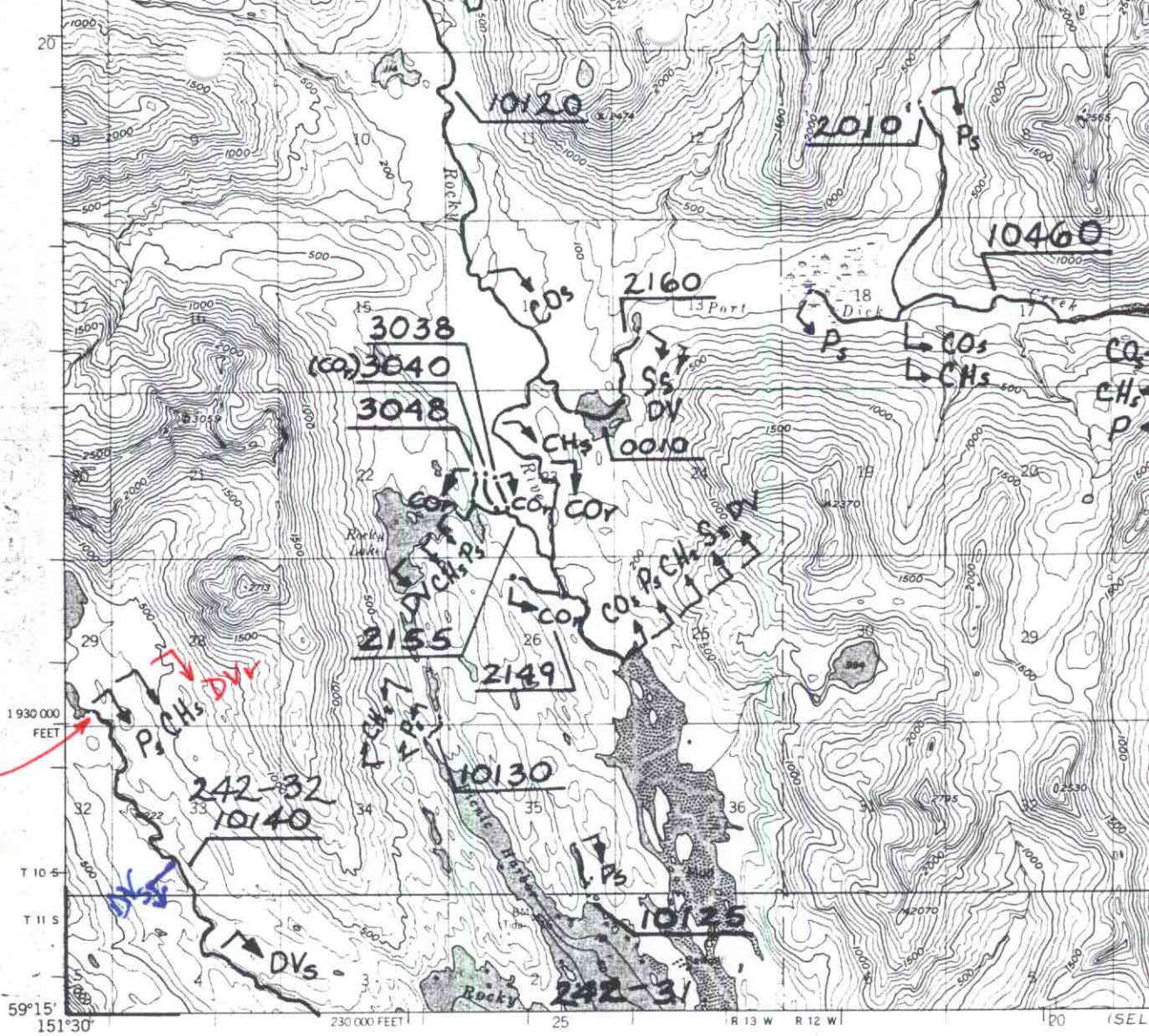
For the record, the streambed itself is composed of a variety of sizes of gravel, cobble, and occasional bedrock. Much of the streambed appeared suitable as pink salmon spawning habitat.

The surveyors reported one other notable feature of this drainage - the absence of many wind blown trees in the stream despite the fact that clearcut logging had occurred nearby. Streamside buffer zones appeared to be larger (and much more effective) in this drainage than in the nearby Windy River drainages.

Attached is an updated form for the Anadromous Waters Catalog as well as a map reflecting a change (extension) to the Dolly Varden distribution. If you have any questions, please call.

cc: Estes
Brady
Demers

CH REHAB PROJECT IN



LOCATION OF BARRIER FALLS

(SELDOVIA A-5)

Mapped, edited, and published by the Geological Survey

Control by USC&GS and USCE

Topography by photogrammetric methods from aerial photographs taken 1951. Map not field checked

Selected hydrographic data compiled from USC&GS Charts 8531, 8552, and 8554 (1:200,000 scale)
This information is not intended for navigational purposes

Universal Transverse Mercator projection, 1927 North American datum
10,000-foot grid based on Alaska coordinate system, zone 4
1000-meter Universal Transverse Mercator grid ticks, zone 5, shown in blue

Land lines represent unsurveyed and unmarked locations predetermined by the Bureau of Land Management Folio S-16, Seward Meridian

Swamps, as portrayed, indicate only the wetter areas usually of low relief, as interpreted from aerial photographs

Lake elevations are unchecked

There may be private inholdings within the boundaries of the National or State reservations shown on this map

To place on the predicted North American Datum 1983 move the projection lines 71 meters north and 136 meters east

24°
TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1951

CONTOUR
NATIONAL GEODE
DEPTH CURVES AND SOUNDINGS
SHORELINE SHOWN REPRESENTS
THE AVERAGE RANGE OF TIDE IS

EXTEND UPPER REACH OF DVs & ADD DVr TO STREA 242-32-10140.

MAP NO. B-4 OF 51

LEGEND

S	Sockeye Salmon
K	King Salmon
CO	Coho Salmon
P	Pink Salmon
CH	Chum Salmon
SH	Steelhead Trout
DV	Dolly Varden
AC	Arctic Char
SF	Sheefish
W	Whitefish
CT	Cutthroat Trout

Subscript
s - Known Spawning
r - Rearing
*m - Migration

* Migration upstream is assumed for stream reaches where anadramous fish occur.

COMP. ORC
DRAWN CB
REVISED ORC
APPROVED ERL
DATE 4/82
FILE NO.

SCALE
1" = 1 MILE
1 : 63,360

PROJ. TITLE
ANADRO
ANADROMOUS W

MAP TITLE