

DEC 27 1994

AWC Volume SE SC SW W AR IN USGS Quad Craig C-4

REGION II  
 HABITAT AND RESTORATION  
 DIVISION

Anadromous Water Catalog Number of Waterway 103-60-10350-2071

Name of Waterway tributary to Duke Cr. USGS name \_\_\_\_\_ Local name X

Addition X Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # <u>95 256</u>	<u>Lana Fisher</u>	<u>12-20-94</u>
Revision Year: _____	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>Ed Wein</u>	<u>1/5/94</u>
Both <u>X</u>	<u>Z. Irone</u>	<u>1/5/95</u>
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>coho salmon</u>	<u>7/18/94</u>		<u>3</u>		<u>yes</u>
<u>cutthroat trout</u>	<u>8/10/94</u>		<u>3</u>		<u>unknown</u>
<u>Dolly Varden char</u>	<u>"</u>		<u>6</u>		<u>unknown</u>

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 samples; 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: Identified during Big Salt Lake Road culvert evaluation project. Electroshocked,  
about 100' above road, minnow trapped below road. 144m east of  
Control Point 135 at culvert beneath Big Salt Road. Stream width 1 1/2'-3'  
downstream of road cobble gravel, upstream of road silt, grade of stream 1%-4%. Four minnow traps set  
for 20 min, 2 upstream one 10' from road, one 60' from road; 2 traps downstream one 100' from road, one >150'  
downstream. Culvert outlet perched 1". Coho rearing definitely identified 100' upstream of road & >150' downstream of  
road. Located approximately 12 miles, road miles North of Duke Creek.

Name of Observer (please print) James D. Durst, Habitat Biologist  
Susan Domenowske, Fisheries Technician

Date: 10/27/94 Signature: Susan Domenowske

Address: ADF&G, Habitat & Restoration Division

P.O. Box 271, Klawock, AK 99925-0271

*one electroshock upstream >4 observed down*

This certifies that in my best professional judgement and belief the above information is evidence that this water body 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: Jack L. Sullivan

Craig C-4  
tributary to Duke Creek; 103-60-10350-2xxx

Additional Information: Enters Duke Creek below bridge, but examined only to determine species presence in vicinity of Big Salt Road since determining passage requirements for road realignment project. Trapped above and below road on 7/18/94, capturing 2 CO below road. At least 4 fry (CO?) observed downstream of road. Electrofished above road on 8/10/94, capturing 1 CO above where upper trap had been. Probably near upper limit of anadromous fish use, although extent not determined, so presence here may indicate higher value habitat downstream. Little cover near road due to brush clearing, so not surprising no captures there. Narrow, meandering rearing channel above road, with abundant skunk cabbage and mossy overhanging banks.





# MEMORANDUM

## State of Alaska DEPARTMENT OF FISH AND GAME

**TO:** Lana Shea  
Regional Supervisor  
Habitat & Restoration Division  
Douglas

**DATE:** December 16, 1994

**FILE #:** 19 1994

**PHONE:** 755-2485

**FROM:** James D. Durst   
Habitat Biologist  
Habitat & Restoration Division  
Klawock

**SUBJECT:** 1994 Anadromous Water Body  
Nominations

Enclosed find seven completed Nominations for Waters Important to Anadromous Fish for your review, signature, and forwarding:

**Craig C-3**

103-60-10290-2006-3xxx, unnamed trib to Steelhead Cr; addition  
103-60-1xxxx, unnamed trib to Big Salt Lk; addition

**Craig C-4**

103-60-10310-2xxx, unnamed trib to Black Bear Cr; addition (1of4)  
103-60-10310-2xxx, unnamed trib to Black Bear Cr; addition (2of4)  
103-60-10310-2xxx, unnamed trib to Black Bear Cr; addition (3of4)  
103-60-10310-2xxx, unnamed trib to Black Bear Cr; addition (4of4)  
103-60-10350-2xxx, unnamed trib to Duke Cr; addition

These nominations were originally submitted by Susan Domenowske as a result of the FHWA Big Salt Lake Road project. Jack Gustafson has signed, and you returned them to me on November 25, 1994, for additional information. I asked Sue for additional information, and have provided it on attached sheets.

It is important to remember that staff typically do not attempt to census a stream system, so the numbers reported for each species may seem relatively low at first glance. These numbers only reflect the usage for very small stream reaches immediately adjacent to the sampling point(s) for a snapshot in time. Full censuses, or for that matter sampling multiple times over a daily, weekly, or yearly cycle, are too labor intensive given the staffing we have, and the risk for stress or mortality too great for the fish resources we are trying to protect.

Ed Weiss is aware that these nominations are in route to him for inclusion in this year's catalog revisions. He indicated that they could be included if they arrive by December 27. Thank you.

**ENCLOSURES**

**cc w/o Enclosures:**

Jack Gustafson, ADF&G, Ketchikan  
Ed Weiss, ADF&G, Anchorage