

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

FISH & GAME
 DEC 25 1999
 REGION II
 HABITAT AND RESTORATION
 DIVISION

AWC Volume |SE| SC SW W AR IN USGS Quad Cong-03

Anadromous Water Catalog Number of Waterway 103-60-10290-2028

Name of Waterway Took to Steelhead CR USGS name _____ Local name _____

Addition Deletion Correction _____ Backup Information _____

For Office Use

GK Llt 11/25/1999

Nomination # <u>99 316</u>	<u>Jana Planders</u>	<u>12-10-99</u>
Revision Year: <u>00</u>	Regional Supervisor	Date
Revision to: Atlas _____ Catalog _____	<u>EO Wain</u>	<u>12/17/99</u>
Both <input checked="" type="checkbox"/>		
Revision Code: <u>A-2</u>	Drafted	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
<u>Steelhead</u>	<u>April 28 1999</u>		<u>5</u>		<u>yes</u>
<u>Coho</u>	<u>"</u>		<u>1</u>		<u>yes</u>
<u>Chum</u>	<u>"</u>		<u>6</u>		<u>Unknown</u>
<u>Dolly Varden</u>	<u>"</u>		<u>2</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 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: See Attachment

As recommended: Add 1030 meters of this stream to the catalog.
(includes steelhead rearing)

Name of Observer (please print) Steven McCurdy
 Date: 5-3-99 Signature: Steven McCurdy
 Address: PO Box 668
Cong, AK 99921

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: Maria A. Ingle

MEMORANDUM

State of Alaska DEPARTMENT OF FISH AND GAME

FROM: Steven McCurdy
Habitat Biologist
Habitat and Restoration Division
Craig

Date: May 17, 1999

RE: Cataloging. Upper Steelhead Creek Watershed

On April 28 and 29, 1999 a field inspection was conducted by myself to determine the presence of fish in uncataloged tributaries in the upper Steelhead Creek watershed.

All sampling was conducted using an electroshocker. The stream sampled enters Steelhead Creek from the north in section 19 T71S. R82E. Copper River Meridian. The stream appears in the Atlas as an unnamed and uncataloged stream that flows generally due south on the western edge of sections 18 and 19. The 20 road crosses the stream approximately 1.7 miles west of the Control Lake intersection and is 1,365 meters upstream (measured with a hip chain) of the confluence with cataloged stream number 103-60-10290.

The stream was inspected downstream (working downstream) of the 20 road. Within 10 meters of the culvert outlet (on the 20-road crossing) a juvenile cutthroat was captured. Within 30 meters downstream of the 20 road a juvenile Dolly Varden was captured. 335 meters downstream (1,030 meters up from confluence) a juvenile steelhead was captured. Flagging was hung along the stream where the steelhead was captured to mark at least the minimum distance upstream that is accessible to anadromous fish. 547 meters downstream (818 meters up from the confluence) a juvenile coho was captured. Once the coho was captured no more sampling was conducted downstream. A total of 6 juvenile cutthroat, 2 Dolly Varden, 5 steelhead, and 1 coho were captured and examined. The coho was over 60 mm in length. The Dolly Varden were approximately 50 and 70 mm in length. The cutthroat ranged between approximately 50 mm and 120 mm. The steelhead ranged between 100 and 160 mm. On April 29, 1999 I sampled above the road. A total of 8 juvenile Dolly Varden were captured for an approximate distance of 150 m upstream of the road. Flagging was hung where the last fish was observed. The gradient of the stream above the road averaged 15% for the first 200 meters, after which it appeared to increase (not measured). I classified the stream above the road as an HC2. Below the road I classified the stream as an MM2 for approximately the first 1,000 meters up from the confluence. The gradient in this section of stream was between 0.5% and 2%. Gravel and cobble dominate the substrate. The average width at OHW is approximately 10 to 15 feet. Large wood and associated pools are abundant in



