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

OK hhT

FISH & GAME
NOV 08 1993
REGION II
HABITAT AND RESTORATION DIVISION

B3

AWC Volume SE SC SW W AR IN USGS Quad BENDELEBEN A-3 & B-4

Anadromous Water Catalog Number of Waterway 333-20-10670-2521

Name of Waterway BOSTON CREEK USGS name X Local name ___

Addition X Deletion ___ Correction X Backup Information ___

For Office Use

Nomination # 94 322	[signature] 10/25/93
Revision Year: '94	Regional Supervisor — Date
Revision to: Atlas ___ Catalog ___	[signature] 1/26/94
Both X	[signature] 2/18/94
Revision Code: A-1, B-6	Drafted — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Dolly Varden (S. malma)	Aug 21, 1992		X		X
Coho Salmon (O. Kisutch)	Aug 21, 1992	X		X	X

Provide any clarifying information, including number of fish observed, location of fish survey data, etc. Attach a copy of the fish survey data, if available. 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.

Comments:

Fourteen Dolly Varden (31-111mm FL) were collected near the headwaters of Boston Creek (see attached map & spreadsheet).
Based on expanded tower counts, an estimated 674 coho salmon moved into Boston Creek during the period Aug 3-30, 1992. The upstream most observation of coho was approximately 4 stream miles above the Reindeer Corral Airstrip on Aug 21, 1992. One mature coho was obs. moving upstream at this location (see attached map).

Name of Observer (please print) CARL KRETSINGER

Date: 4-2-93 Signature: Carl F Kretsinger

Address: BLM - KOBUK DISTRICT
1150 University Ave
Fbks, AK 99709

Signature of Area Biologist: [signature]

Rev. 12/91

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Alaska Dept. of Fish & Game
Habitat – Region III

Boston Creek Electrofishing Data, August 21, 1992

Habitat type: low gradient riffle- main channel								
Location: Headwaters of Boston Creek (ADFG # 333-20-10670-2521); 65°18'20"N, 163°30'17"W.								
Shocking time: 409 seconds								
	Dolly Varden (mm FL)	Arctic Grayling (mm FL)	N. Pike (mm FL)	Coho Salmon (mm FL)	King Salmon (mm FL)	9-Spine Stickle-back (mm FL)	Sculpin (mm FL)	Rd, Whitefish (mm FL)
	111							
	47(s)							
	50(s)							
	45							
Totals	4	0	0	0	0	0	0	0
(s)-sacrificed for identification purposes.								
Habitat type: secondary channel								
Location: Headwaters of Boston Creek (ADFG # 333-20-10670-2521); 65°18'20"N, 163°30'17"W.								
Shocking time: 861 seconds								
	Dolly Varden (mm FL)	Arctic Grayling (mm FL)	N. Pike (mm FL)	Coho Salmon (mm FL)	King Salmon (mm FL)	9-Spine Stickle-back (mm FL)	Sculpin (mm FL)	Rd, Whitefish (mm FL)
	48(s)						not measured	
	66(s)							
	38							
	44							
	45							
	39							
	31							
	37							
	35							
	42							
Totals	10	0	0	0	0	0	numerous	0
(s)-sacrificed for identification purposes.								