



State of Alaska  
Department of Fish and Game  
Division of Sport Fish

Fish Survey  
Nomination Form  
Fish Distribution Database



Region: Interior

USGS Quad: Fairbanks C-1, C-2

Fish Distribution Database Number of Waterway: 334-40-11000-2490-3290-4020- Status: N/A

Name of Waterway: McDonald Creek

USGS Name 5010  Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

A4668 2/24/05

Nomination # <u>4 484</u>	<u>[Signature]</u>	<u>2/24/05</u>
Revision Year: <u>2006</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	<u>[Signature]</u>	<u>12-01-04</u>
Both <u>X</u>	FDD Project Biologist	Date
Revision Code: <u>A-1, 3-5</u>	<u>[Signature]</u>	<u>4-26-05</u>
	Drafted	Date

**Site Information** Station: FSI0409A07 Date Observed: 8/11/2004 Legal Desc.: Sec 5, T. 4 S., R. 2 E., F.M. Latitude: Longitude: Datum:

Stream Parameters: Depth (m) Width (m) Water Temp. (C): Down Stream (Transformed) 64.60385 -147.39359 NAD27

OHW Stream Stage: Up Stream (Transformed) 64.65959 -147.51514 NAD27

Wetted Dominant Substrate: Down Stream (Original) 64.60341 -147.39602 WGS84

Rosgen Channel Type: Up Stream (Original) 64.65915 -147.51758 WGS84

Station Comments: Waypoint at upstream terminus of reach marked from helicopter. Downstream terminus marked on the ground. All points in between marked from the helicopter. No habitat measurement taken - see station 09A06 (about 1/2 mile upstream).

**Observation Information**

Life History: Anadromous

Species\Lifestage: Chinook salmon carcass (suspected spawning) Samp. ID (# Fish): A (4) B (1) Barriers: Specific Barrier Unknown

Life History: Resident

Species\Lifestage: Arctic grayling adult Samp. ID (# Fish): A (200) Barriers: None

**Key to Samp. ID**

Samp. ID: A Method: Visual Observation, Helicopter

Samp. ID: B Method: Visual Observation, Ground

Extend McDonald CK w/ Kp

**Additional Comments:** Redds were present throughout the reach. Extend 334-40-11000-2490-3290-4020-5010 (McDonald Creek) with Ks (new use). FDD shows Chinook salmon spawning in Salchaket Slough, about 25 km downstream, and rearing in McDonald Cr, about 12 km downstream.

Name of Observer: Joe Buckwalter Phone: (907) 267-2345 Date Printed: 10/26/2004

Signature: [Signature]

Address: Alaska Department of Fish and Game, Division of Sport Fish  
333 Raspberry Road  
Anchorage, AK 99518-1599

**This certifies that in my best professional judgment and belief the above information is evidence that this waterbody should be included in or deleted from the Fish Distribution Database.**

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_



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Region: Interior

USGS Quad: Fairbanks C-1

Fish Distribution Database Number of Waterway: N/A

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Name of Waterway: McDonald Creek

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Nomination # _____	_____	_____
Revision Year: _____	Fisheries Scientist	Date _____
Revision to: Atlas _____ Catalog _____	FDD Project Biologist	Date _____
Both _____		
Revision Code: _____	Drafted	Date _____

**Site Information** Station: FSI0409A06 Date Observed: 8/11/2004 Legal Desc.: Sec 5, T. 4 S., R. 2 E., F.M. Latitude: Longitude: Datum:  
Stream Depth (m) Width (m) Water Temp. (C): 5.8 (Transformed) 64.59950 -147.37625 NAD27  
Parameters: OHW 0.7 11.0 Stream Stage: High  
Wetted 0.6 10.9 Dominant Substrate: Gravel (Original) 64.59906 -147.37868 WGS84

Rosgen Channel Type: F4 Entrenched meandering riffle/pool channel on low gradients with high width/depth ratio.

**Observation Information**

Life History: Not Applicable  
Species/Lifestage: no fish collected or observed not applicable Samp. ID (# Fish): A (0) Barriers: Not applicable  
Life History: Resident  
Species/Lifestage: Arctic grayling adult Samp. ID (# Fish): B (12) Barriers: Unknown

**Key to Samp. ID**

Samp. ID: A Method: Portable Electrofisher Electrofisher Time(s): 574 Efficiency: Poor  
Comments: Poor efficiency due to wide channel with long glides and fast flow, silt substrate, and clear water (fish fled).  
Samp. ID: B Method: Visual Observation, Ground

Additional Comments:

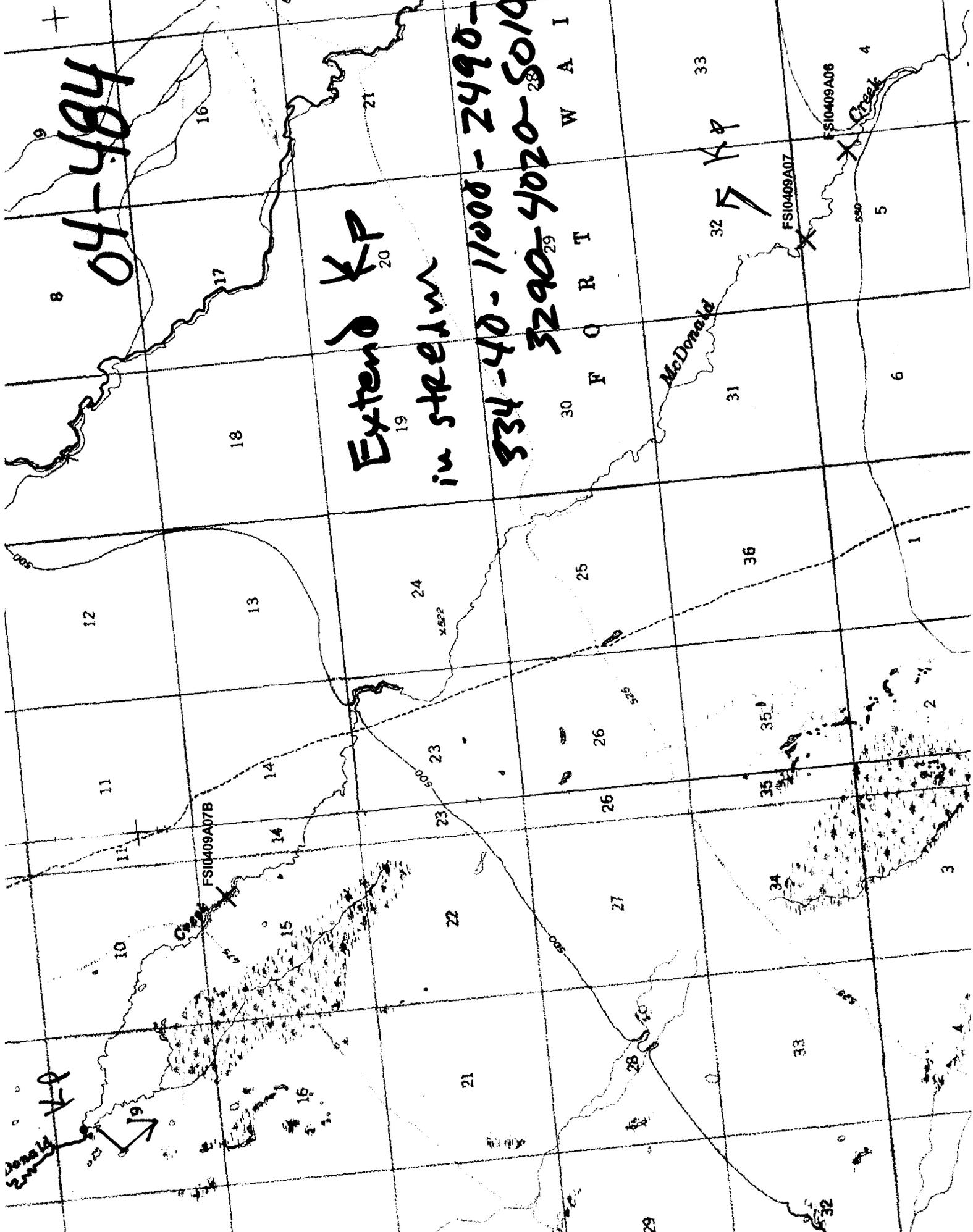
Name of Observer: Joe Buckwalter Phone: (907) 267-2345 Date Printed: 10/26/2004

Signature: *Joe Buckwalter*

Address: Alaska Department of Fish and Game, Division of Sport Fish  
333 Raspberry Road  
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Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_



04-484

Extend KP  
in stream

334-40-1100-2490-  
3290-4020-5010

W A I

F O R T

33

KP

FS10409A07

FS10409A06

Creek

5

6

1

2

3

12

13

24

25

36

11

14

23

26

35

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15

22

27

34

19

16

21

28

33

32

29

9

16

21

17

18

19

20

30

31

McDonald

4

550

Long  
Swamp

KP

FS10409A07B

57

505

525

510

527

517

517

517

517

517

+