



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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior
Fish Distribution Database Number of Waterway: N/A 334-40-11000-2681
Name of Waterway: Big Salt River
USGS Quad: Tanana D-1, LIV D-6
Status: N/A
 USGS Name Local Name
 Addition Deletion Correction Backup Information

Nomination #	04 482	For Office Use	2/24/05
Revision Year:	2006	Fisheries Scientist	2/24/05
Revision to: Atlas	Catalog	FDD Project Biologist	12-02-04
Revision Code:	B-6 B-1, A-1	Drafted	4-27-05

Site Information Station: FSI0421A01 Date Observed: 8/24/2004 Legal Desc.: Sec 9, T. 12 N., R. 13 W., F.M. Latitude: Longitude: Datum:
Stream Depth (m) Width (m) Water Temp. (C): 9.1 Down Stream (Transformed) 65.88189 -150.26203 NAD27
Parameters: OHW 0.9 21.6 Stream Stage: Medium Up Stream (Transformed) 65.88229 -150.15426 NAD27
Wetted 0.6 17.8 Dominant Substrate: Gravel Down Stream (Original) 65.88144 -150.26465 WGS84
Up Stream (Original) 65.88184 -150.15688 WGS84
Rosgen Channel Type: C4 Low gradient, meandering, point-bar, riffle/pool, alluvial channels with broad, well-defined floodplains.

Station Comments: Waypoint located at upstream terminus of reach was marked from the ground. Waypoint at the downstream terminus of the reach was marked from the helicopter. All on-ground sampling occurred at the upstream terminus of reach. Visual observations below this point were made from the helicopter (Samp. ID B).

Observation Information

Life History: Obligate anadromous population

Species/Lifestage: chum salmon carcass (suspected spawning) Samp. ID (# Fish): B (100) C (3) Barriers: Specific Barrier Unknown
Species/Lifestage: coho salmon juvenile Samp. ID (# Fish): A (6) Barriers: Specific Barrier Unknown

Life History: Resident

Species/Lifestage: Arctic grayling juvenile/adult Samp. ID (# Fish): C (1) D (1) Barriers: None
Species/Lifestage: Arctic grayling juvenile Samp. ID (# Fish): A (1) Barriers: None
Species/Lifestage: slimy sculpin adult Samp. ID (# Fish): A (3) Barriers: None
Species/Lifestage: slimy sculpin juvenile/adult Samp. ID (# Fish): A (7) Barriers: None
Species/Lifestage: slimy sculpin juvenile Samp. ID (# Fish): A (5) Barriers: None

Extend CHp in stream
Add KR to stream from 334-40-11000

Additional Comments: Extend 334-40-11000-2681 (Big Salt River) with CHs (photos 3,4) and COr (New species. See photos 6,7). FDD shows chum salmon spawning in the Big Salt River about 5 km downstream, and coho salmon present in the Yukon River, about 20 km downstream.

Name of Observer: Joe Buckwalter Phone: (907) 267-2345 Date Printed: 11/2/2004
Signature: Joe Buckwalter
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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Continuation of Station: FSI0421A01 Page: 2

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher **Electrofisher Time(s):** 673 **Efficiency:** Fair

Comments: Electrofishing occurred at upstream terminus of reach. Deep pools, clear water.

Samp. ID: B Method: Visual Observation, Helicopter

Comments: Aerial observations; made throughout reach.

Samp. ID: C Method: Visual Observation, Ground

Comments: Ground observations; made at the upstream terminus of the reach.

Samp. ID: D Method: Angling

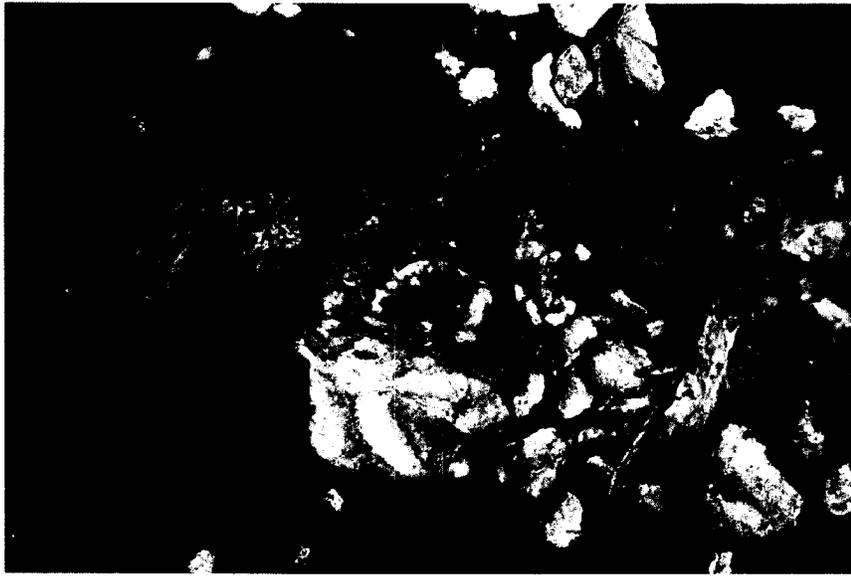
Comments: Angling at upstream terminus of reach. Silver Fox spinner, #1



FSI0421A01001.jpg



FSI0421A01002.jpg



FSI0421A01003.jpg



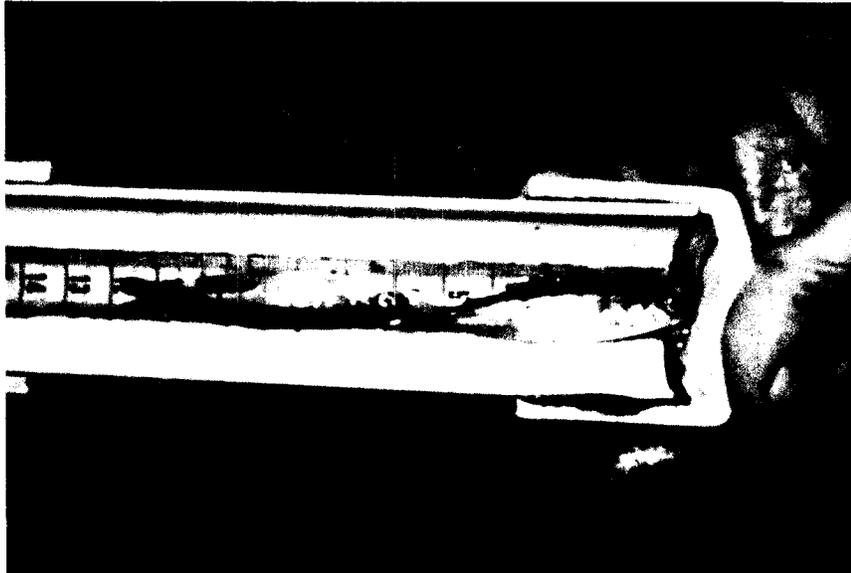
FSI0421A01004.jpg



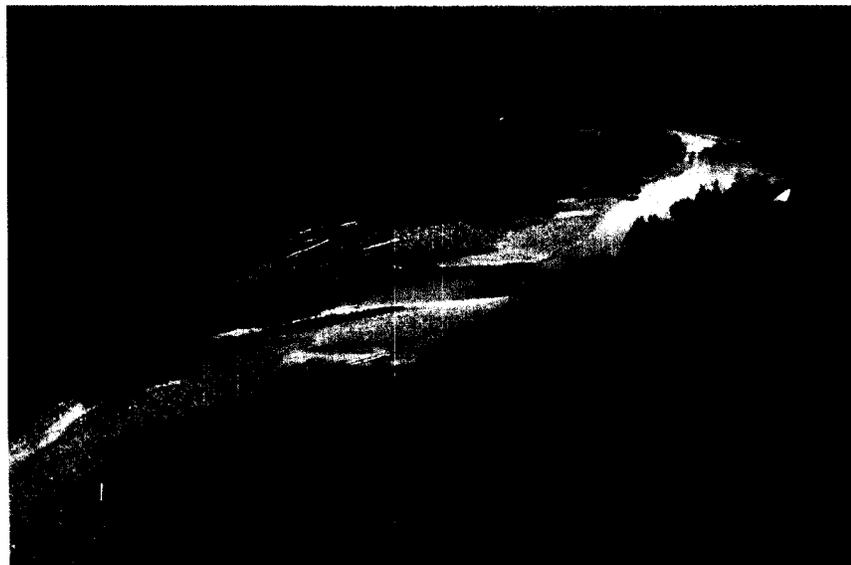
FSI0421A01005.jpg



FSI0421A01006.jpg



FSI0421A01007.jpg



FSI0421A01008.jpg



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

**Fish Survey
Nomination Form
Fish Distribution Database**

Region: Interior

USGS Quad: Tanana D-2

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: _____

USGS Name

Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0424A07 Date Observed: 8/27/2004 Legal Desc.: Sec 32, T. 12 N., R. 16 W., F.M. Latitude: Longitude: Datum:
Stream Depth (m) Width (m) Water Temp. (C): 4.5 (Transformed) 65.82776 -150.93311 NAD27
Parameters: OHW 0.5 6.0 Stream Stage: Medium
Wetted 0.3 5.4 Dominant Substrate: Boulder (Original) 65.82729 -150.93574 WGS84

Rosgen Channel Type: B2 Moderately entrenched, moderate gradient, riffle dominated channel, with infrequently spaced pools. Very stable plan and profile. Stable banks.

Station Comments: Left bank Halu Creek tributary.

Observation Information

Life History: Resident

Species/Lifestage: Dolly Varden adult spawning

Samp. ID (# Fish): A (13)

Barriers: Unknown

Life History: Unknown:

Species/Lifestage: Dolly Varden juvenile/adult

Samp. ID (# Fish): A (2)

Barriers: Unknown

Species/Lifestage: Dolly Varden juvenile

Samp. ID (# Fish): A (17)

Barriers: Unknown

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher

Electrofisher Time(s): 509 Efficiency: Fair

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
Anchorage, AK 99518-1599

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Signature of Area Biologist: _____

Date: _____



State of Alaska
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Division of Sport Fish

Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior

USGS Quad: Tanana D-2

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: Halu Creek

USGS Name

Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0421A02 Date Observed: 8/24/2004 Legal Desc.: Sec 31, T. 12 N., R. 15 W., F.M. Latitude: Longitude: Datum:
Stream Depth (m) Width (m) Water Temp. (C): 8.6 (Transformed) 65.82397 -150.76348 NAD27
Parameters: OHW 0.8 13.0 Stream Stage: Medium
Wetted 0.6 8.9 Dominant Substrate: Cobble (Original) 65.82351 -150.76611 WGS84

Rosgen Channel Type: B3 Moderately entrenched, moderate gradient, riffle dominated channel, with infrequently spaced pools. Very stable plan and profile. Stable banks.

Station Comments: Landing zone had been previously cleared of willows with a machete, apparently for another helicopter.

Observation Information

Life History: Resident

Species/Lifestage: Arctic grayling adult	Samp. ID (# Fish): B (2)	Barriers: Specific Barrier Unknown
Species/Lifestage: Arctic grayling juvenile/adult	Samp. ID (# Fish): C (1)	Barriers: Specific Barrier Unknown
Species/Lifestage: Arctic grayling juvenile	Samp. ID (# Fish): A (3) B (2)	Barriers: Specific Barrier Unknown
Species/Lifestage: slimy sculpin adult	Samp. ID (# Fish): A (1)	Barriers: Specific Barrier Unknown
Species/Lifestage: slimy sculpin juvenile/adult	Samp. ID (# Fish): A (1)	Barriers: Specific Barrier Unknown
Species/Lifestage: slimy sculpin juvenile	Samp. ID (# Fish): A (2)	Barriers: Specific Barrier Unknown

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher Electrofisher Time(s): 613 Efficiency: Poor

Comments: Low conductivity, clear

Samp. ID: B Method: Visual Observation, Ground

Samp. ID: C Method: Angling

Comments: Silver Fox spinner, #1

Additional Comments:

Name of Observer: Joe Buckwalter

Phone: (907) 267-2345

Date Printed: 10/26/2004

Signature:

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

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Signature of Area Biologist: _____ Date: _____



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Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior

USGS Quad: Tanana D-2

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: Dreamland Creek

USGS Name Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0424A04 Date Observed: 8/27/2004 Legal Desc.: Sec 7, T. 11 N., R. 14 W., F.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): 4.1 (Transformed) 65.79104 -150.55503 NAD27

Parameters: OHW 0.4 4.6 Stream Stage: Medium

Wetted 0.2 3.0 Dominant Substrate: Gravel

(Original) 65.79058 -150.55765 WGS84

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

Observation Information

Life History: Resident

Species/Lifestage: Dolly Varden adult spawning

Samp. ID (# Fish): A (1)

Barriers: Unknown

Species/Lifestage: Arctic grayling juvenile

Samp. ID (# Fish): A (1)

Barriers: Unknown

Life History: Unknown

Species/Lifestage: Dolly Varden juvenile/adult

Samp. ID (# Fish): A (5)

Barriers: Unknown

Species/Lifestage: Dolly Varden juvenile

Samp. ID (# Fish): A (1)

Barriers: Unknown

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher

Electrofisher Time(s): 445 Efficiency: Excellent

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
Anchorage, AK 99518-1599

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Signature of Area Biologist: _____ Date: _____



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Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior

USGS Quad: Tanana D-2

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: Asbestos Creek

USGS Name Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0424A05 Date Observed: 8/27/2004 Legal Desc.: Sec 32, T. 12 N., R. 14 W., F.M. Latitude: Longitude: Datum:
Stream Depth (m) Width (m) Water Temp. (C): 4.6 (Transformed) 65.82229 -150.51664 NAD27
Parameters: OHW 0.3 3.4 Stream Stage: Medium
Wetted 0.1 2.7 Dominant Substrate: Cobble (Original) 65.82183 -150.51926 WGS84

Rosgen Channel Type: B3 Moderately entrenched, moderate gradient, riffle dominated channel, with infrequently spaced pools. Very stable plan and profile. Stable banks.

Observation Information

Life History: Resident

Species/Lifestage: slimy sculpin adult

Samp. ID (# Fish): A (8)

Barriers: Specific Barrier Unknown

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher

Electrofisher Time(s): 344 Efficiency: Fair

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
Anchorage, AK 99518-1599

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Signature of Area Biologist: _____

Date: _____



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Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior

USGS Quad: Tanana D-2

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: Dreamland Creek

USGS Name Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0424A06 Date Observed: 8/27/2004 Legal Desc.: Sec 29, T. 12 N., R. 14 W., F.M. Latitude: Longitude: Datum:

Stream Depth (m) Width (m) Water Temp. (C): 6 (Transformed) 65.84500 -150.50596 NAD27

Parameters: OHW 0.9 11.0 Stream Stage: Medium

Wetted 0.4 4.4 Dominant Substrate: Gravel (Original) 65.84454 -150.50859 WGS84

Rosgen Channel Type: C4 Low gradient, meandering, point-bar, riffle/pool, alluvial channels with broad, well-defined floodplains.

Observation Information

Life History: Resident

Species\Lifestage: Dolly Varden adult spawning	Samp. ID (# Fish): A (1)	Barriers: None
Species\Lifestage: Arctic grayling juvenile/adult	Samp. ID (# Fish): A (1)	Barriers: Specific Barrier Unknown
Species\Lifestage: Arctic grayling juvenile	Samp. ID (# Fish): A (1)	Barriers: None
Species\Lifestage: slimy sculpin adult	Samp. ID (# Fish): A (2)	Barriers: None

Life History: Unknown

Species\Lifestage: Dolly Varden juvenile/adult	Samp. ID (# Fish): A (1)	Barriers: None
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Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher Electrofisher Time(s): 463 Efficiency: Fair

Comments: Deep pools.

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
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Anchorage, AK 99518-1599

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Signature of Area Biologist: _____ Date: _____



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

Fish Survey
Nomination Form
Fish Distribution Database

Region: Interior

USGS Quad: Tanana D-1

Fish Distribution Database Number of Waterway: N/A

Status: N/A

Name of Waterway: Big Salt River

USGS Name

Local Name

Addition

Deletion

Correction

Backup Information

For Office Use

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

Site Information Station: FSI0421A03 Date Observed: 8/24/2004 Legal Desc.: Sec 16, T. 12 N., R. 14 W., F.M. Latitude: Longitude: Datum:
Stream Depth (m) Width (m) Water Temp. (C): 9.7 (Transformed) 65.87157 -150.49761 NAD27
Parameters: OHW 0.7 20.0 Stream Stage: Medium
Wetted 0.4 12.8 Dominant Substrate: Cobble (Original) 65.87111 -150.50024 WGS84

Rosgen Channel Type: C3 Low gradient, meandering, point-bar, riffle/pool, alluvial channels with broad, well-defined floodplains.

Observation Information

Life History: Resident

Species\Lifestage: Arctic grayling juvenile/adult	Samp. ID (# Fish): C (3)	Barriers: None
Species\Lifestage: Arctic grayling juvenile	Samp. ID (# Fish): A (1)	Barriers: None
Species\Lifestage: slimy sculpin adult	Samp. ID (# Fish): A (7)	Barriers: None
Species\Lifestage: slimy sculpin juvenile/adult	Samp. ID (# Fish): A (1)	Barriers: None
Species\Lifestage: slimy sculpin juvenile	Samp. ID (# Fish): A (3)	Barriers: None

Key to Samp. ID

Samp. ID: A Method: Portable Electrofisher Electrofisher Time(s): 300 Efficiency: Excellent
Comments: 150 meters.

Samp. ID: B Method: Portable Electrofisher Electrofisher Time(s): 219 Efficiency: Fair
Comments: 150 meters. Deep, clear.

Samp. ID: C Method: Angling
Comments: Silver Fox spinner, #1

Additional Comments:

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

Signature:

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

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Signature of Area Biologist: _____ Date: _____

04-48732

R 13 W
R 12 W

R 13 W
R 12 W

Extend
35490-11000-2681
w/ CH7 COR

~~CH7 COR~~

RIVER
COP

to Yukon

CHP

13 COP

SALT

FS1001A01

X 4610

12

12
COR

CHP

16

15

14

12

11

10

31

34

35

36

800

1425 X

920 X

1000

78

77