State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

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STATE OF ALASKA
FISH & GAME

Region: Interior

USGS Quad: Norton Bay A-1, Nulato A-6

Fish Distribution Database Number of Waterway: 334-35-11000-2055

Name of Waterway: Rodo River ☑ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #: 04 i07
Revision Year: 2005
Revision to: Atlas ____ Catalog ____
Both X
Revision Code: B-6, A-1

Fisheries Scientist — Date: 5/13/04
FDD Project Biologist — Date: 12/10/03
Drafted — Date: 8/23/04

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chinook salmon	July 13-14, 2003	many	56		☑
Burbot	July 13-14, 2003			1	☐
Slimy Sculpin	July 13-14, 2003			2	☐
					☐
					☐

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 other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

caught and measured 56 juvenile Chinook salmon in small, metal fish traps baited with roe
trapped 1 burbot in same traps
trapped 2 slimy sculpin in same traps

Observed, from the helicopter, many adult Chinook salmon spawning - this was the farthest upstream Chinook spawning observed.

Site 133 on the attached map.
Lat: 64° 08.66
Long: 159° 07.18

Add Ks at site 133

334-35-11000-2055

Name of Observer (please print): Nancy Ihlenfeldt-McNay
Signature: [signature]
Date: 11/7/2003
Address: ADNR-OHMP, 1300 College Road
Fairbanks, AK 99701

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: [signature]
Name of Area Biologist (please print): John Burr

Revision 04/03

Fish Inventory

Stream Channel/Discharge Datasheet

Date: 7/13/03 **Time** (24 clock): 15:35	**Waterbody Name:** Rodo River	**Investigators:** [illegible]
GPS Latitude(decimel): 64 0866	**GPS Longitude(decimel):** 159 0718	**Elevation(ft):** 460

MAP number, location, description: ~~Norton to MG~~ Norton Bay A-6

POINT NAME: 133

Field Conditions/Water Quality

Air Temp: 25	**Turbidity:** pp 7.5	**Water Color:** CLR
Water Temp: 13	**Conductivity:** 080	**Water Stage:** 2
pH:		

Channel Type

Bankfull width= 10	**R Bnkful to R Floodprone=**	**Upstream gradient=**
Max Depth=	**L Bnkful to L Floodprone=**	**Downstream gradient=**
Average Depth=	**Floodprone width=** 104	**Ocular Estimate of Substrate=**

Discharge

Meter Type:	**Meter No:**	**Type of Measure:**
Spin before:	**Spin After:**	*wading, ice, boat, upstream, downstream, bridge*

Comments:

Trap 1	Trap 2	Trap 3	Comments
hab type Pool	hab type Pool	hab type Pool	lots of juvinile
undercut Bank	old Beaver Dam	LWD/willow	
Dom Sub 10	Dom Sub 10	Dom Sub 10	
Depth 2.5	Depth 1.5	Depth 3.0	

PHOTO Identity:

Upstream=

Downstream=

Across Channel=

Other=

Water Color
CLR- clear
FER-stained, iron/orange
GHT-glacial,high turbidity
GLT-glacial,low turbidity
HUM-brown-water
MUD-muddy

Water Stage
1-extreme low water
2-well below high water
3-slightly below high water
4-at or above high water
5-extreme flood stage

Substrate Codes
BED = bedrock
BOU = boulder
COB = cobble (2.5 - 10")
GRA = gravel (.08 - 2.5")
SAN = sand (.062 - 2.0mm)
SIL = silt/clay (< .062mm

19 20

Fish inventory

Stream Channel/Discharge Datasheet

Date: 7/13/03 Time (24 clock): 16/15	Waterbody Name: Rodo River Trib	Investigators: Teor
GPS Latitude(decimel): 64 11.47	GPS Longitude(decimel): 159 09.23	Elevation(ft): 500

MAP number, location, description: ~~Nulato A-1~~ Norton Bay A-1

POINT NAME: 116

Conditions/Water Quality

Air Temp: 25	Turbidity: 7.4	Water Color: CLR
Water Temp: 13	Conductivity: 110	Water Stage: 2

Water Color

CLR- clear
FER-stained, iron/orange
GHT-glacial,high turbidity
GLT-glacial,low turbidity
HUM-brown-water
MUD-muddy

Water Stage

1-extreme low water
2-well below high water
3-slightly below high water
4-at or above high water
5-extreme flood stage

Bankfull width= 14	R Bnkful to R Floodprone=	Upstream gradient=
Max Depth=	L Bnkful to L Floodprone=	Downstream gradient=
Average Depth=	Floodprone width= 26	Ocular Estimate of Substrate=

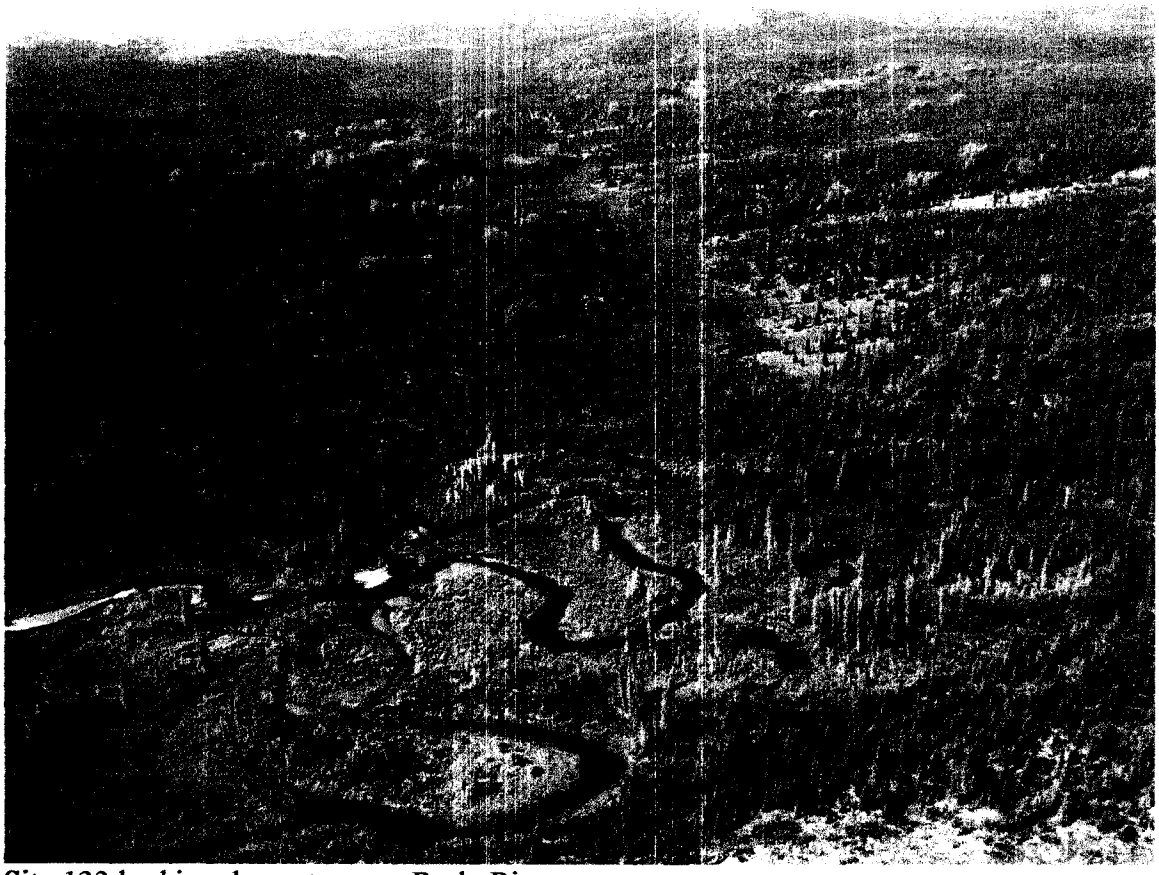
Meter Type:	Meter No:	Type of Measure:
Calibration Before:	Spin After:	wading, ice, boat, upstream, downstream, bridge

Substrate Codes

BED = bedrock
BOU = boulder
COB = cobble (2.5 - 10")
GRA = gravel (.08 - 2.5")
SAN = sand (.062 - 2.0mm)
SIL = silt/clay (< .062mm)

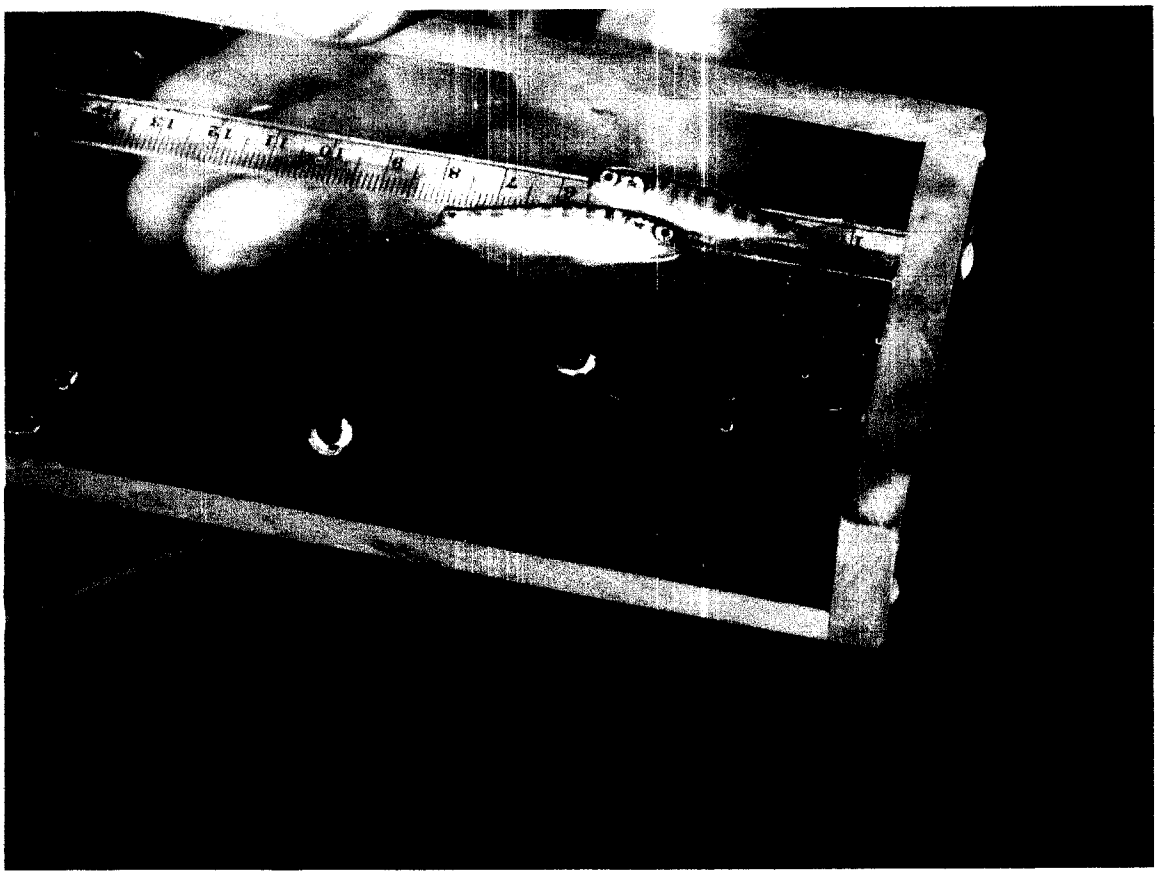
Trap 1	Trap 2	Trap 3	Comments	PHOTO Identity
Habitat Run	Habitat Run	Habitat Pool/Backwater	[illegible]	Upstream
Undercut Bank	willow	willow	[illegible]	Downstream
Dom Sub 32	Dom Sub 41/10 moss	Dom Sub 10	[illegible] 7/14/03	Zone of Channel
			Flow upstream - looked	Other
Depth 1.5	Depth 2.0	Depth 2.5	for adult [illegible] adult chinook was above	
			site 116 @ 64° 11.60 by 159° 10.44 (at down	

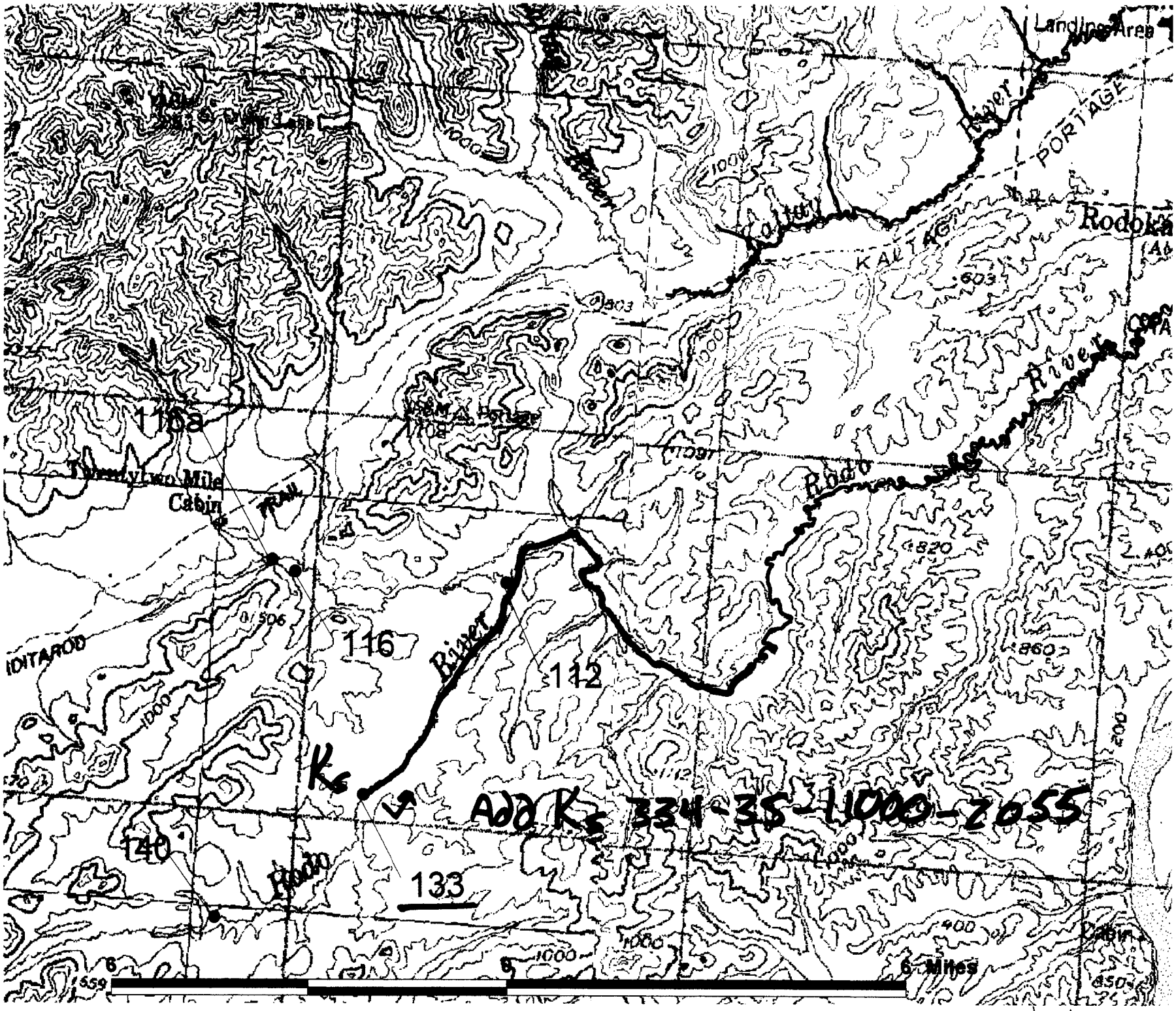
(stream end of bluff)



Site 133 looking downstream – Rodo River

Site 133 looking upstream – Rodo River





Norton Bay A-1