



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database



Region Three USGS Quad(s) Big Delta A-4; Quad No. 095

Fish Distribution Database Number of Waterway 334-40-11000-2490-3412-requires new nomination number -0010

Name of Waterway Clearwater Lake Inlet Stream USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>11-212</u>	_____	_____
Revision Year: <u>2012</u>	ADF&G Fisheries Scientist	Date _____
Revision to: Atlas _____ Catalog _____	ADNR OHMP Operations Mgr.	Date _____
Both _____	<u>gfp</u>	<u>9 May 11</u>
Revision Code: <u>F-1</u>	FDD Project Biologist	Date _____
	Cartographer	Date _____

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
CO spawning/rearing	1994-1998	yes	yes	yes	<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

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: see observations on file
 Clearwater Lake Inlet Stream documentation for spawning and rearing coho salmon is attached in a separate word document (Clearwater Lake Inlet.doc), includes pictures and a coho data table. ADF&G conducted five aerial surveys of the Inlet from 1994-1998. Many observations by residents living along the Clearwater Lake Inlet and Clearwater Lake itself indicate spawning coho salmon in front of their residences from September to as late December and early January. I have noticed a great abundance of rearing coho salmon on various canoe trips from the boat ramp on Clearwater Lake to the Inlet Stream. It would be a rare instance to find chum Salmon in Clearwater Lake or Clearwater Lake Inlet. However, in years when counts for Chums are high they are found more extensively into these systems. For most years they are concentrated closer to the Tanana River. Due to the spring-fed nature of Clearwater Lake Inlet, the water remains ice-free during the winter which provides rearing habitat for juvenile salmon

Name of Observer (please print): James F. Parker

Signature: _____ Date: 3/15/2011

Agency: ADF&G - Sport Fish

Address: Box 605
Delta Junction, AK 99737

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: _____ Revision 02/05

Name of Area Biologist (please print): _____

Johnson, J D (DFG)

From: Parker, Fronty (DFG)
Sent: Monday, May 02, 2011 11:03 AM
To: Johnson, J D (DFG)
Subject: new AWC nomination, Clearwater Lake Inlet (334-40-11000-2490-3412-????)
Attachments: Clearwater Lake Inlet.doc; Clearwater Lake Inlet 03-15-2011.xls

New nomination submission for Clearwater Lake Inlet, no number has been assigned by AWC.
-Fronty

DELTA CLEARWATER RIVER AERIAL SURVEY		NAMES OF SPRINGS SURVEYED AND COHO COUNTS																
No.	IDENTIFICATION NAME	AWC # (numbers in Red are new)	1994	1995	1996	1997	1998	1998	1997	1996	1995	1994	1994	1995	1996	1997	1998	DESCRIPTION OF LOCATION
1	SAWMILL CREEK	334-40-11000-2490-3416-4020	19,125	4,700	4,275	3,050	2,625	headwaters to Mile 14										
2	ANDERSEN	334-40-11000-2490-3416-4020-5030	25	8	25	0	0	south spring into Sawmill										
3	GRANITE	334-40-11000-2490-3416-4020-5020	250	150	0	25	50	headwaters to Sawmill										
4	South Clearwater Tributary	334-40-11000-2490-3416-4030-5007	1,700	400	300	125	575	headwaters to Reed Lake										
5	Clearwater Creek	334-40-11000-2490-3416-4030	8,525	2,525	1,425	1,300	1,150	headwaters to confluence of Sawmill Cr.										
6	PECKHAM	334-40-11000-2490-3416-4030-5004	100	50	0	0	0	spring on north side of Clearwater cr										
9	FRONTY	334-40-11000-2490-3416-4020-5014	175	175	0	25	0	first spring below Granite-south side										
10	JAN	334-40-11000-2490-3416-4020-5014	200	150	0	0	0	between Fronty and Jesse										
11	JESSE	334-40-11000-2490-3416-4020-5010	250	50	0	0	25	south side of Sawmill Creek										
12	JENNIE	334-40-11000-2490-3416-4030-5002	25	25	25	0	0	north side-near mouth of CH20-DCR										
13	CHAD	334-40-11000-2490-3416-4021	100	25	0	0	0	south side of DCR										
14	BUNS	334-40-11000-2490-3416-4020	200	75	0	0	0	south side of DCR										
15	PATTY	334-40-11000-2490-3416-4019	20	0	0	0	0	north side of DCR										
16	DAVE	334-40-11000-2490-3416-4018	25	0	0	0	0	north side of DCR										
17	TRAVIS	334-40-11000-2490-3416-4017	175	75	50	25	0	north side of DCR										
18	REMMINGTON	334-40-11000-2490-3416-4016	not surveyed	100	0	0	0	south side of DCR										
19	DUBOIS	334-40-11000-2490-3416-4015	10	0	200	25	125	south side of DCR										
20	CHRISTIE	334-40-11000-2490-3416-4014	25	225	150	125	75	north side of DCR										
21	CALEB	334-40-11000-2490-3416-4013	325	325	25	25	125	north side of DCR across from camp										
22	ISAAC'S SLOUGH	334-40-11000-2490-3416-4012	700	225	250	25	0	between Caleb and Parker-north side										
23	PARKER	334-40-11000-2490-3416-4011	775	200	50	0	50	north side of DCR										
24	KENNA	334-40-11000-2490-3416-4010	350	100	0	0	0	north side of DCR										
25	DOS GRIS	334-40-11000-2490-3416-4009	not surveyed	0	75	125	100	south side of DCR (Gartz)										
26	BARB	334-40-11000-2490-3416-4008	90	25	0	0	0	north side of DCR										
27	BACKY	334-40-11000-2490-3416-4007	15	0	0	0	0	south side of DCR (Forek)										
28	RIDDER	334-40-11000-2490-3416-4006	300	125	50	25	25	north side of DCR										
29	PEARSE	334-40-11000-2490-3416-4005	1,175	150	75	125	50	South side of DCR connects at mile 3										
30	HODGES	334-40-11000-2490-3416-4004	not surveyed	25	0	0	25	north side of DCR										
31	STUGA	334-40-11000-2490-3416-4003	not surveyed	100	25	25	0	south side of DCR (AI Svenston)										
32	SALMON ALLEY	334-40-11000-2490-3416-4002	not surveyed	350	50	50	25	Loop of north side of DCR										
33	MALLARD	334-40-11000-2490-3416-4001	5	25	0	0	0	north side of DCR, above mile one										
34	MAINSTEM MILE 0-14	334-40-11000-2490-3416	45,500	11,475	8,225	7,250	8,850	Mouth of DCR to Tanana to mile 14										
35	Total Delta Clearwater River		80,165	21,858	15,275	12,350	13,875	Total estimated escapement										
			0.57	0.52	0.54	0.59	0.64											
			0.57															

Clearwater Lake Inlet (common name)

Anadromous stream catalog number 334-40-11000-2490-3412-new nomination number

Description: Clearwater Lake Inlet is approximately 2 miles in length, connects (64° 6' 34.692" N, 145° 35' 43.229" W) to the Clearwater Lake Outlet which flows 1.3 miles to the Tanana River.

Anadromous species present: Coho salmon (spawning and rearing).

Other Species: least cisco, round whitefish, humpback whitefish, Arctic grayling, long nose suckers, slimy sculpins, and northern pike.

Anadromous species data collection:

This nomination is for Clearwater Lake Inlet stream. Clearwater Lake Inlet is entirely a spring-fed stream its origin is independent of any other stream. This streambed is free of sediment and flows over clean gravel and makes for ideal coho spawning habitat.

From 1994-1998 Coho Aerial survey data was collected by ADF&G staff in Delta Junction for the Clearwater Lake Inlet (see below).

<i>Year</i>	<i>Clearwater Lake Inlet Coho count</i>
1994	1,100
1995	1,525
1996	350
1997	325
1998	350

Clearwater Lake is suitable salmon habitat all year long. Because of its spring-fed nature, moving waters of the inlet remains ice-free during the winter providing ideal habitat for rearing fish.

The Clearwater lake Inlet is 2 miles in length, is independent, and originates from spring upwelling's. This can be misconstrued from the topographical map which indicates the inlet originates from the Delta Clearwater River; Figure 1 and 2 shows the correct origins of the inlet. A separate AWC nomination for Clearwater Lake Inlet is recommended. The mouth of the Clearwater Lake Inlet into Clearwater Lake is difficult to distinguish; the cessation of flowing water has been marked on the map in Figure 1 for a suitable division.

From the air (Figure 2) the inlet to Clearwater Lake and the southern edge of Clearwater Lake is nearly a straight edge and resembles a fault line where ground water seeps into the lake. Most of the private property exists along this southern edge (Figure 3). Residents located along the Inlet and Clearwater Lake are familiar with spawning Coho salmon in front of their homes and have reported spawning activity as late as January.

Figure 1. Clearwater Lake.

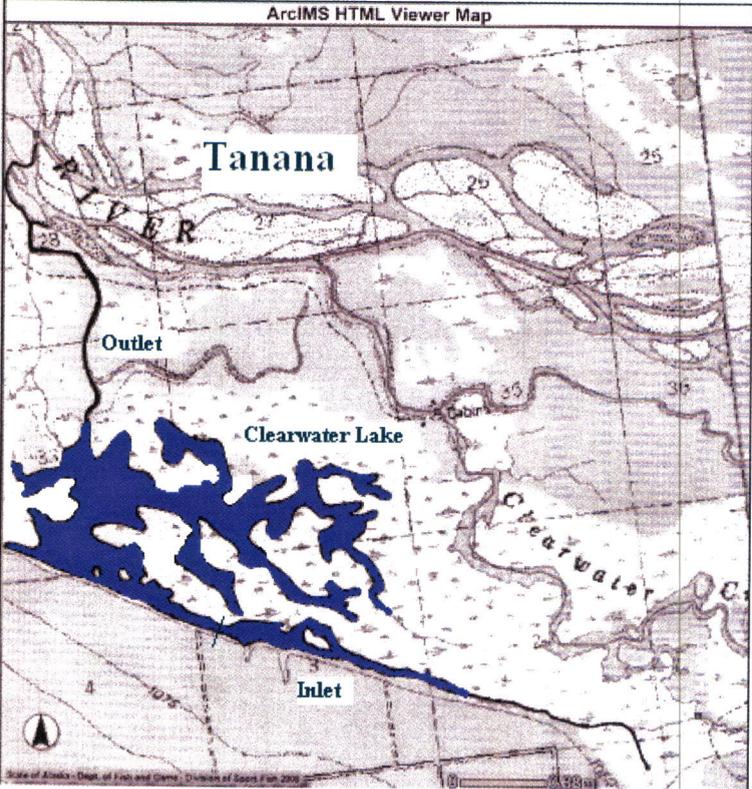


Figure 2. Aerial Photo view of Clearwater Lake to the West.



Figure 3. Google Earth picture of Clearwater Lake Inlet area.

