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-~~new nomination~~ 4004

Name of Waterway: Clearwater Lake Outlet Slough

☐ USGS Name ☑ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	11-214	ADF&G Fisheries Scientist	6/13/11 Date
Revision Year:	2012	ADNR OHMP Operations Mgr.	6/13/11 Date
Revision to:	Atlas ____ Catalog ____ Both x	FDD Project Biologist	9 May 11 Date
Revision Code:	A-2	Cartographer	9/21/11 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
CO rearing	7/2/1905	no	yes	yes	☑
	(2010)				☐
					☐
					☐
					☐

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:

Clearwater Lake Outlet Slough documentation rearing coho salmon is attached in a seperate word document (Clearwater Lake Outlet Slough.doc), includes pictures and a coho data table. Fluctuations in the Tanana River causes increase in water levels in Clearwater Lake Outlet Slough during the summer months greatly increasing habitat availability for coho salmon. It is not known if coho salmon actually spawn here, it would be worth the investigation.

Add new stream w/ coho salmon REARING

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

Signature: _____ Date: 3/11/2011

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: _____

Name of Area Biologist (please print):

Revision 02/05

Johnson, J D (DFG)

From: Parker, Fronty (DFG)
Sent: Monday, May 02, 2011 11:10 AM
To: Johnson, J D (DFG)
Subject: new AWC nomination, Clearwater Lake Slough; (334-40-11000-2490-3412-????)
Attachments: Clearwater Lake Outlet slough 03-14-2011.xls; Clearwater Lake outlet slough.doc

This is a new AWC nomination for a secondary outlet of Clearwater Lake. No spawning salmon have been documented, very like some do, but this area is used extensively by rearing salmon.
-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	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**	334-40-11000-2490-3416-4020-5014-0010	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 (Forck)
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 (Al 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 Outlet Slough (common name)
Anadromous stream catalog number 334-40-11000-2490-3412-New nomination

Description: Clearwater Lake Outlet Slough is a secondary outlet to the west of the primary outlet. It is approximately 0.9 miles in length and interconnects to a vast wetland area. The Slough connects to the Clearwater Lake (N64 05' 31.58"; W145 36' 03.84") and enters Clearwater Lake Outlet (N64 06' 16.55"; W145 36' 11.74") above its confluence with the Tanana River.

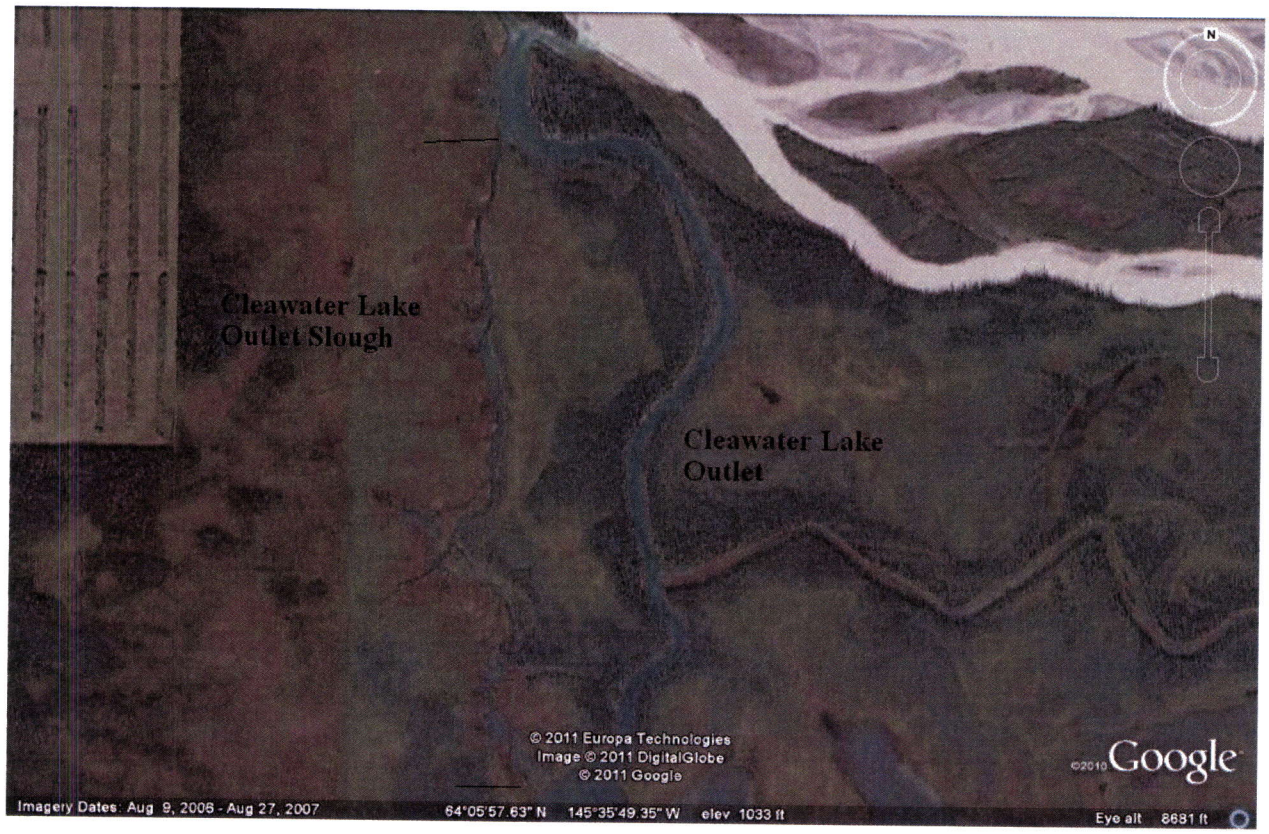
Anadromous species present: Coho salmon (rearing).

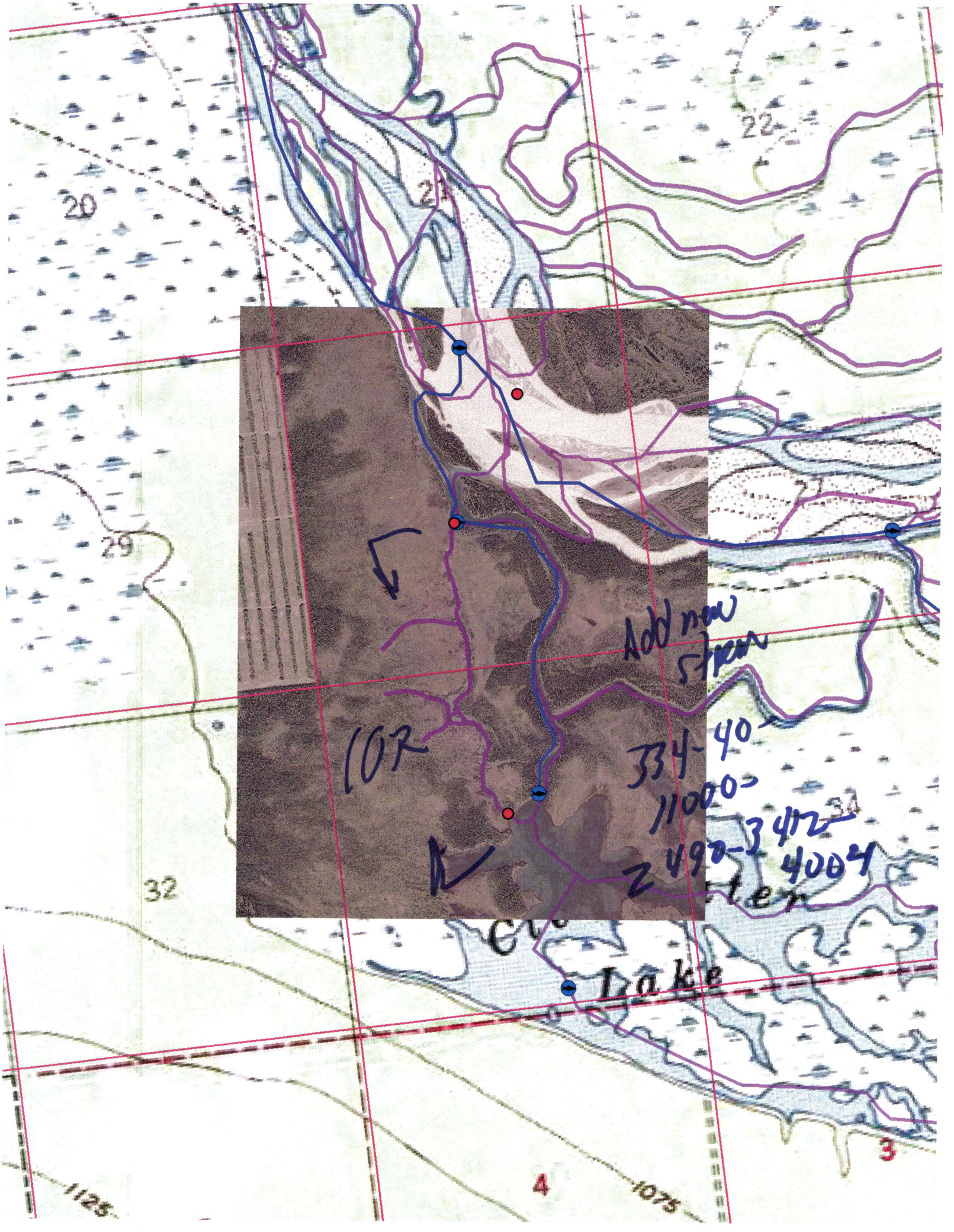
Other Species; least cisco, round whitefish, humpback whitefish, Arctic grayling, long nose suckers, slimy sculpins, and northern pike.

Anadromous species data collection:
This nomination is for Clearwater Lake Outlet Slough. This slough is filled with water from Clearwater Lake primarily during the open water months. No records exist indicating that spawning salmon have been observed although they very possibly may be present. What have observed is rearing coho salmon. The juvenile were observed in 2010 from a canoe it appears the entire system is used extensively. Foot or aerial survey would be required to document spawning salmon in early October.

For the most part the bottom of Clearwater Lake Outlet Slough consists of organic materials. The surrounding area is grassy wetlands. When the water level of the Tanana River rises this area becomes backed up with clear water and the surface area and volume of water increases proportionally. The area provides excellent rearing habitat for coho salmon as well as other species.

Figure 1. Clearwater Lake Outlet Slough.





20
21
22
29
32
34
Lake
3
4
1125
1075
Add new stream
10R
334-40-
11000-
2490-3412-
4004