State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Fish Distribution Database

Region: SCN

USGS Quad(s): Kenai B-4

Fish Distribution Database Number of Waterway: 244-30-10050-2024

Name of Waterway: Crooked Creek ☑ USGS Name ☐ Local Name

☐ Addition ☐ Deletion ☐ Correction ☑ Backup Information

For Office Use

Nomination #: 07-130

Revision Year: ~~2007~~ 2008

Revision to: Atlas ____ Catalog ____ Both ____

Revision Code: F-1

ADF&G Fisheries Scientist — Date

ADNR CHMP Operations Mgr. — Date

FDD Project Biologist — Date 05/07/07

Cartographer — Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	2006		X		☑
Chinook salmon	2006		X		☑
					☐
					☐
					☐

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: Information from Fish Resource Permit # SF-2006-12 Summary Report substantiates presence of Chinook and coho salmon in 244-30-10050-2024

ALASKA DEPT. OF FISH & GAME
MAY 3 - 2007

Name of Observer (please print): Gary Sonnevil
Signature: Gary M. Sonnevil
Date: 05/03/07
Agency: USFWS, KFWRO
Address: P.O. Box 1670
Kenai, AK 99611

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

Gaging Sta
RIV
36
31
100
150
-151.271, 60.298
Gravel Pit
Campground
6
1
Gravel Pits
Crooked
Johnson Lake
HIGHWAY 1
Landing Strip
12
7

Decimal Degrees NAD 83

Fishes Collected and Released in Slikok Creek

-151.131 60.483

	Sculpin	RBT	DV	Coho	Chinook	Lamprey	Sockeye	Sticklbk
16-Jan-2006	0	0	0	5	4	0	0	0
23-Jan-2006	0	0	0	0	0	1	0	0
6-Feb-2006	0	0	0	0	0	0	0	0
13-Feb-2006	0	0	0	0	0	1	0	0
20-Feb-2006	0	0	0	0	0	2	0	0
6-Mar-2006	0	0	0	0	0	1	0	0
27-Mar-2006	0	0	0	0	0	1	0	0
3-Apr-2006	0	1	0	0	1	0	0	0
9-Apr-2006	0	1	2	3	5	0	0	0
17-Apr-2006	0	0	0	0	1	0	0	0
1-May-2006	3	1	6	4	10	0	0	0
8-May-2006	2	2	5	25	14	0	0	5
16-May-2006	0	1	3	8	5	0	0	6
2-Oct-2006	2	3	0	27	5	0	0	0
16-Oct-2006	2	0	1	8	2	0	0	0
23-Oct-2006	2	1	4	8	2	0	0	0
6-Nov-2006	1	2	2	22	2	1	0	0
12-Nov-2006	1	2	0	3	1	1	0	0
Totals	13	14	23	113	52	8	0	11

Fishes Collected and Released in Crooked Creek

-151.271 60.298

	Sculpin	RBT	DV	Coho	Chinook	Lamprey	Sockeye	Sticklbk
25-Apr-2006	1	0	2	0	1	0	0	0
16-May-2006	0	0	10	13	3	0	0	1
26-Sep-06	0	0	0	22	0	0	0	0
3-Oct-06	0	8	0	13	4	0	0	0
29-Oct-06	0	0	0	0	3	0	0	0
Totals	1	8	12	48	11	0	0	1

Fishes Collected and Released in Soldotna Creek

-151.055 60.484

	Sculpin	RBT	DV	Coho	Chinook	Lamprey	Sockeye	Sticklbk
19-Sep-06	1	2	0	1	0	1	0	0
17-Oct-06	1	1	0	0	0	0	0	0
14-Nov-06	1	1	0	0	1	0	0	0
Totals	3	4	0	1	1	1	0	0

Fishes Captured during the Adopt-A-Stream Program 1/06-12/06

Species	Disposed	Currently held	Caught (total)	Released
Coho	3	2	162	157
Chinook	3	1	64	60
Rainbow	1	0	26	25
Sculpin	2	2	17	13
Sticklbk	0	0	12	12
Dolly Vard	0	0	35	35
Lamprey	0	0	9	9

STATE OF ALASKA
DEPARTMENT OF FISH AND GAME

P.O. BOX 115525
JUNEAU, ALASKA 99811-5525

Permit No. SF-2006-012

Expires: 12/31/2006

FISH RESOURCE PERMIT
(For Scientific/Educational Purposes)

This permit authorizes Gary Sonnevil *(whose signature is required on page 2 for permit validation)*
person

of U.S. Fish & Wildlife Service
agency or organization

at P.O. Box 1670, Kenai, AK 99611
address

to conduct the following activities **from** January 1, 2006 **to** December 31, 2006 in accordance with AS 16.05.930:

Purpose: Take and possess juvenile fish for educational purposes. Collected fish will be distributed among, and displayed in, self contained aquaria at Kalifornsky Beach, Soldotna Montessori Charter and Tustumena, elementary schools, and the USFWS Kenai Fishery Resource Office. Aquarium displays will be used to reinforce lesson plans on salmon identification and life history as part of a continuing Adopt-A-Stream program.

Location Fish may be collected from Slikok Creek (mile 1.4) in the Soldotna area, Crooked Creek below the old hatchery in the Kasilof area, and from Soldotna Creek near its confluence with the Kenai River.

Species Collected: Up to 200 juvenile Chinook salmon, 500 juvenile coho salmon, 100 juvenile Dolly Varden, 100 juvenile rainbow trout, 50 adult slimy sculpin, and 50 adult three-spine stickleback may be caught, identified and released unharmed at the site of capture. Up to 24 juvenile Chinook salmon, 24 juvenile coho salmon, 10 juvenile Dolly Varden, 10 juvenile rainbow trout, 10 adult slimy sculpin, and 12 adult three-spine stickleback may be transported and possessed for aquarium display purposes.

Method of Capture: Fish may be captured by minnow traps, small mesh seines, and small mesh dip nets

Final Disposition: All fish species will be held in aquariums until they die naturally or will be destroyed. Fish held at the elementary schools will be killed at the end of the school year then disposed of in the Soldotna landfill or preserved for use as display specimens. Any effluent from the aquarium must be disinfected (chlorinated) or disposed of in a municipal sewer system.

-Continued on Back-

REPORT DUE December 16, 2006. The report shall include species, numbers, dates, and locations of collection and disposition, and if applicable, sex, age, and breeding condition, and lengths and weights of fish. The report shall also include other information as may be required under the permit stipulations section.

GENERAL CONDITIONS, EXCEPTIONS AND RESTRICTIONS

1. This permit must be carried by person(s) specified during approved activities who shall show it on request to persons authorized to enforce Alaska's fish and game laws. This permit is nontransferable and will be revoked or renewal denied by the Commissioner of Fish and Game if the permittee violates any of its conditions, exceptions or restrictions. No redelegation of authority may be allowed under this permit unless specifically noted.
2. No specimens taken under authority hereof may be sold or bartered. All specimens must be deposited in a public museum or a public scientific or educational institution unless otherwise stated herein. Subpermittees shall not retain possession of live animals or other specimens.
3. The permittee shall keep records of all activities conducted under authority of this permit, available for inspection at all reasonable hours upon request of any authorized state enforcement officer.
4. Permits will not be renewed until the department has received detailed reports, as specified above.
5. UNLESS SPECIFICALLY STATED HEREIN, THIS PERMIT DOES NOT AUTHORIZE the exportation of specimens or the taking of specimens in areas otherwise closed to hunting and fishing; without appropriate licenses required by state regulations; during closed seasons; or in any manner, by any means, at any time not permitted by those regulations.

Fish Resource Permit Coordinator Division of Sport Fish	Director Division of Sport Fish	Date

Authorized Personnel: The following persons may perform collecting activities under terms of this permit:

Brie Darr, Ken Gates, Ken Harper, Frank Harris, Lynnda Kahn,
Julie Laker, Gary Sonnevil, Annika Taylor, Laura Zabkar

Employees and volunteers under the direct supervision of, and in the presence of, one of the authorized personnel listed above may participate in collecting activities under terms of this permit.

Permit Stipulations:

1) **George Pappas** (phone: 260-2920; e-mail: george_pappas@fishgame.state.ak.us) Soldotna Sport Fish Division Area Management Biologist, must be notified within a few days **prior** to engaging in collecting activities within their management areas. The biologist has the right to specify methods for collecting, as well as limiting the collections of any species, and the number of specimens collected by time and area.
2) ***This permit number and its date of expiration must be displayed on your aquaria.***
3) This permit will fulfill the requirements of 5AAC 41.005 – 41.060 pertaining to fish transport permits (FTP's), with the condition that the transported fish may be released only into the aquaria in the Kenai office of the U. S. Fish and Wildlife Service.
4) Electroshocking is currently discouraged, but not prohibited by the department. Electroshockers **may not** be used in waters used by anadromous fish.
5) Salmon eggs used as bait in traps must be disinfected prior to use. A 10 minute soak in 1/100 Betadyne solution or some other iodophor disinfectant is adequate.
6) A valid Alaska sport fishing license must be in the possession of any individual using hook-and-line gear.
7) All unattended collecting gear must be labeled with the permittee's name, telephone number, and permit number and all fish collecting traps must be accounted for and removed from the water at the conclusion of sampling.
8) Any marking or tagging of anadromous salmonids MUST be approved by the Alaska Department of Fish and Game Tag Lab. Contact **Ron Josephson** at 465-4088 for approval. No adipose fin clips may be used on anadromous salmonids unless fish are coded-wire tagged.
9) *A copy of this permit, including any amendments, must be made available at all field collection sites and project sites for inspection upon request by a representative of the department or a law enforcement officer.*
10) Issuance of this permit does not absolve the permittee from compliance in full with any and all other applicable federal, state, or local laws, regulations, or ordinances.
11) A **report of collecting activities**, referenced to this fish resource permit number, must be submitted to the Alaska Department of Fish and Game, Division of Sport Fish HQ, P.O. Box 115525, Juneau, AK 99811-5525, attention Tammy Davis (465-6183; tammy_davis@fishgame.state.ak.us), within 30 days after the expiration of this permit. This report must summarize the number of fish captured by date, by location, and by species, and the fate of those fish. Fish length, weight, sex, and age data should be included if collected. A report is required whether or not collecting activities were undertaken. A report should also be sent to the Biologist(s) listed under number 1 in this Permit Stipulations section.

PERMIT VALIDATION requires permittee's signature agreeing to abide by permit conditions before beginning collecting activities:

_____
Signature of Permittee

cc: George Pappas, Division of Sport Fish, Soldotna
Sean Palmer, Division of Commercial Fisheries, Anchorage
Stewart Seaberg, ADNR, Office of Habitat Management and Permitting, Anchorage
Fish and Wildlife Protection, Palmer

Greetings

As project biologist for the ADF&G Fish Distribution Database, I am responsible for ensuring that the presence of anadromous fish species are documented in the state waters and the FDD database which is utilized to generate the *Catalog of Waters Important for Spawning, Rearing, or Migration of Anadromous Fishes* and companion Atlas maps. The Catalog and Atlas are important because they specify which streams, rivers and lakes are important to anadromous fish species and therefore afforded protection under AS 41.14.870. Water bodies that are not "specified" within the Catalog and Atlas <u>are not</u> afforded that protection. To be protected under AS 41.14.870, water bodies must be documented as supporting some life function of an anadromous fish species (salmon, trout, char, whitefish, sturgeon, etc.) While fish sampling by SOA employees is the primary source of additions to the FDD, the department is also reviewing information from Fish Resource Permits as possible sources of revisions to the FDD.

A review of FRP # SF-2006-012 revealed observations that can be used to substantiate anadromous fish presence in Slikok, Crooked, and Soldotna Creeks. If you agree, I will prepare three nomination forms for you to review and sign that will be used to "back-up" previous observations of coho, sockeye, and Chinook salmon in the three streams sampled. In addition, observations of lamprey may result in the addition of lamprey to the FDD. Since species of lamprey was not stated in your report, I was wondering if you know what species the lamprey observed in Slikok Creek were and if you think they were anadromous. If you consider them anadromous I will add lamprey to the nomination form for Slikok River. The single observation of lamprey in Soldotna Creek is not enough to add that species at this time.

Thx in advance for your assistance.

J. Johnson
ADF&G
Fish Distribution Database
Project Biologist
907-267-2337

J Johnson

From: Gary_Sonnevil@fws.gov
Sent: Tuesday, May 01, 2007 3:22 PM
To: j_johnson@fishgame.state.ak.us
Subject: Re: Nomination to Fish Distribution database

J - I would be happy to sign the nomination forms. I don't know the species of lamprey, the ones we found were collected in a kick net and were ammocoetes.

Gary

USFWS, KFWFO
P.O. Box 1670
Kenai, AK 99611
(907) 262-9863

J Johnson <j_johnson@fishgame.state.ak.us>

04/30/2007 12:49 PM

Please respond to
j_johnson@fishgame.state.ak.us

To Gary_Sonnevil@fws.gov
cc
Subject Nomination to Fish Distribution database

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