



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southeastern USGS Quad(s) JUN B2 9E

Anadromous Waters Catalog Number of Waterway 111-40-10890

Name of Waterway Lawson Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>12-550</u>	<u>CP</u>	<u>11/2/12</u>
Revision Year:	<u>2013</u>	Fisheries Scientist	Date
Revision to:	Atlas _____	<u>W. J. A.</u>	<u>11/2/12</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>C-9, B-1</u>	<u>GA</u>	<u>10/5/12</u>
		AWC Project Biologist	Date
		<u>W. J. A.</u>	<u>11/9/12</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon	08/15/2012			✓	

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:

During a site visit, another Habitat Biologist and I visually identified 80-100 adult chum salmon near the mouth of Lawson Creek. Attached is a trip report from that site visit documenting the presence and general location of these fish. We also observed one female displaying digging behavior, but observed no eggs or egg laying.

Coordinates (Lat,Long): Upper(58.28587,-134.41152) Lower(58.28638,-134.41123)

Move concept downstream, add chum salmon present to stream

Name of Observer (please print): Tally Teal
 Signature: 146.63.61.200 (Web Nomination) Date: 09/21/2012
 Agency: _____
 Address: PO Box 240020 PO Box 240020
Douglas, AK 99824

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 Anadromous Waters Catalog.

Signature of Area Biologist: _____ Date: _____ Revision 02/08
 Name of Area Biologist (please print): _____

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Jackie Timothy
Southeast Regional Supervisor

DATE: 19 September 2012

THRU: Kate Kanouse,
Habitat Biologist

FILE NO: 2924

SUBJECT: CBJ sewer main,
Lawson Creek, Juneau

FROM: Tally Teal
Habitat Biologist

PHONE NO: (907) 465 6980

On August 15th, 2012, Habitat Biologist Johnny Zutz and I visited Lawson Creek (AWC Stream Number 111-40-10890). The City and Borough of Juneau (CBJ) intends to install a utility line across the mouth of Lawson Creek (Figure 1), and the purpose of our visit was to determine possible impacts to fishery resources from the project.

CBJ plans to replace the existing lift station located near the mouth of Lawson Creek, and the sewer force main that is buried across the mouth of Lawson Creek below the 20.8' tide line (Figure 2). The existing steel pump station and 8" iron pipe are corroded and need to be replaced. Should the sewer force main develop a leak or break, raw sewage would be discharged into Gastineau Channel.

CBJ will replace the current lift station with a concrete structure. This activity will not affect salmon spawning habitat, as work will not occur in the creek. They will install a new 10" HDPE sewer pipe below the existing pipe, which will remain in place. Installing the new sewer force main requires digging a 4' by 8' trench across the mouth of Lawson Creek, which could disturb salmon present in the stream.

Lawson Creek is currently cataloged for pink salmon and Dolly Varden char. During our visit, most of the fish we observed near the mouth of the creek were chum salmon; only a few pink salmon were present. We observed several female chum salmon guarding redds, but only one was actively digging. We will submit a nomination to include chum salmon for this stream.

We observed few adult salmon where the new sewer force main will be installed, but numbers of adult fish increased dramatically upstream. The trench to replace the sewer force main will be near enough to the mouth of the creek to avoid impacting salmon spawning habitat upstream.

Habitat issued Fish Habitat Permit FH12-I-0195 that authorized CBJ to install the new sewer pipe when no adult salmon are present.

Email cc:

Al Ott, ADF&G Habitat, Fairbanks
Biologists, ADF&G Habitat, Juneau
Brian Glynn, ADF&G SF, Juneau
David Harris, ADF&G CF, Juneau
Teri Camery, CBJ, Juneau
Joe Castillo, CBJ, Juneau
Steve Brockmann, USFWS, Juneau
Victor Ross, USACE, Juneau
James Dorn, Carson Dorn Inc., Juneau

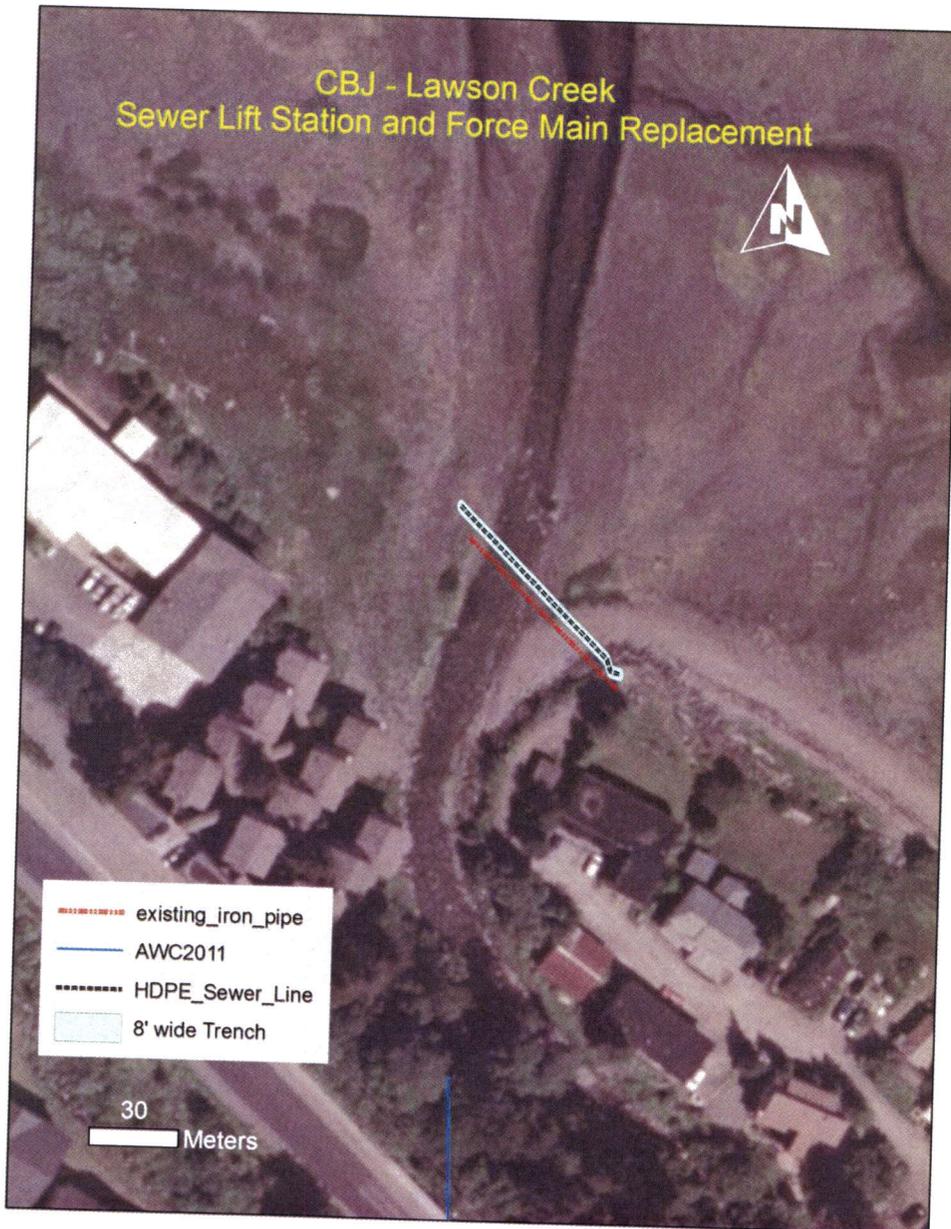


Figure 1. Aerial view of the proposed worksite

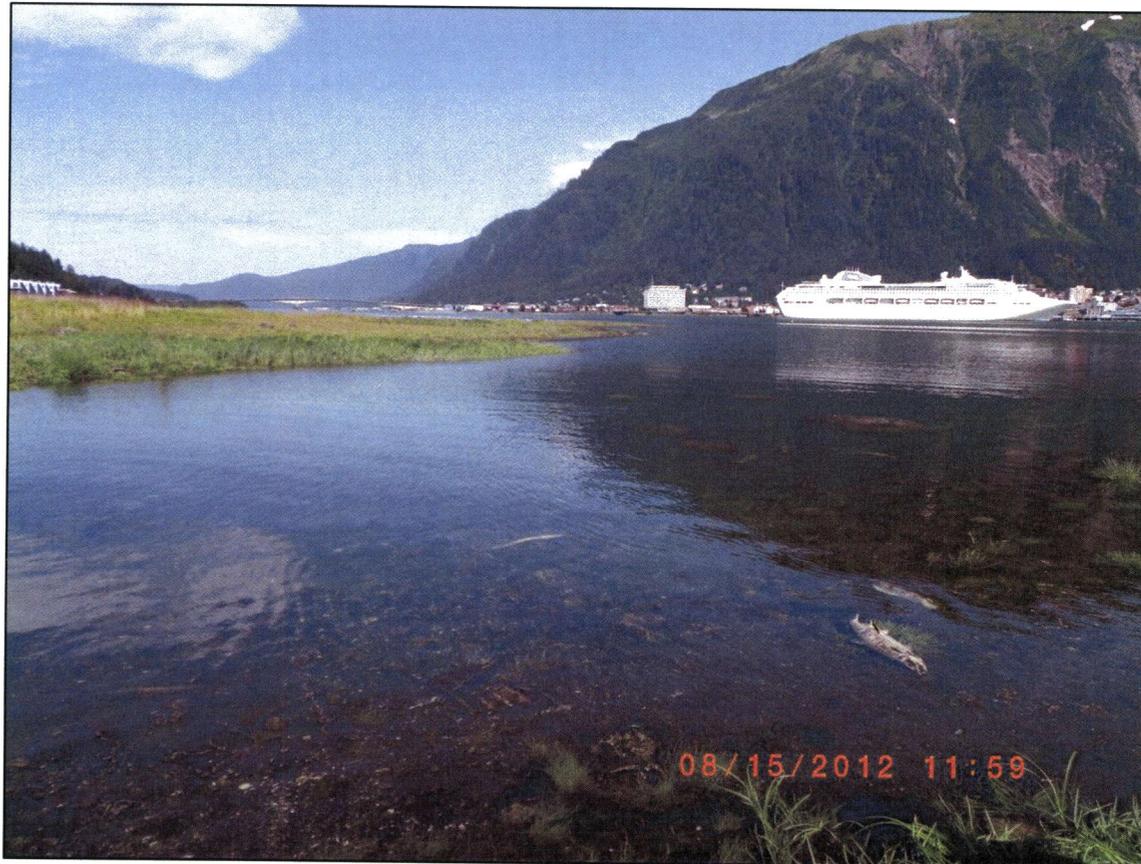


Figure 2. View of the proposed work area from the existing pump station at the mouth of Lawson Creek

revise arc for 111-40-10890 w/arc2013
add chum salmon present to stream, move existing lower species
to new lower pt location

