



State of Alaska
Department of Fish and Game
Division of Sport Fish

Nomination Form
Anadromous Waters Catalog

LE

Region Southwest USGS Quad(s) Cold Bay A-1

Anadromous Waters Catalog Number of Waterway no number 283-34-11000

Name of Waterway Springs Creek USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>130206</u>	_____	_____
Revision Year: <u>2014</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____	Habitat Operations Manager	Date
Both _____	<u>9/2</u>	<u>10/10/13</u>
Revision Code: <u>F-1</u>	AWC Project Biologist	Date
	_____	_____
	Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink Salmon	9/18/2013	x		x	<input checked="" type="checkbox"/>
	<u>DELTA CREEK</u>				<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

On 18 September, 2013, Habitat Biologists Josh Brekken and Brad Dunker (ADF&G Habitat Division, Anchorage) conducted a stream survey of Springs Creek to analyze flow and document fish presence or absence. We conducted a carcass survey and a visual survey of live adult pink salmon. 4 adult pink salmon carcasses were observed in the lower reach of Springs Creek. GPS coordinates were taken at the upper most point where pink salmon were observed. One redd was observed in the lower reach of the stream below the existing gauge. The streambed of lower Springs Creek is comprised primarily of good spawning gravels with overhanging vegetation on both banks. There is enough area in Springs Creek from gauge to the confluence with Delta Creek for about four to five pink salmon redds. An redd of gravel consistent with a pink salmon redd was observed, but no eggs were observed.

ALASKA DEPT. OF FISH & GAME
Date SEP 25 2013
9/24/2013

Name of Observer (please print): Brad Dunker, Habitat Biologist
Signature: _____
Agency: ADF&G, Division of Habitat
Address: 333 Raspberry Road
Anchorage, AK 99518

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 05/08
Name of Area Biologist (please print): _____

From: Clark, Robert A (DFG)
Sent: Friday, October 11, 2013 1:13 PM
To: Johnson, J D (DFG)
Subject: RE: live vs. dead

Sounds good J. I am busy right now, but is there a time next week that I could stop by to have a look?

Bob

From: Johnson, J D (DFG)
Sent: Friday, October 11, 2013 1:12 PM
To: Clark, Robert A (DFG)
Subject: RE: live vs. dead

I've made a copy of nom forms w/carcass observations and would welcome others review to decide whether revision to AWC is warranted.

From: Clark, Robert A (DFG)
Sent: Friday, October 11, 2013 12:46 PM
To: Johnson, J D (DFG)
Subject: FW: live vs. dead

J,

Here is Mike's thinking on the topic of carcasses and the AWC. Please let me know if there are issues with this type of guidance. Thanks.

Bob

From: Daigneault, Michael J (DFG)
Sent: Friday, October 11, 2013 12:44 PM
To: Clark, Robert A (DFG)
Subject: live vs. dead

Bob,

I looked at our criteria for nomination review and didn't see anything specifying the need for live fish observations. Seems like you and I are in general agreement that some level of judgment needs to be applied when considering AWC nominations based on adult carcass observations. Here is an attempt to provide guidance for evaluating these types of nominations – let me know what you think.

AWC nominations based on adult carcass observations will not be considered if:

- there are < 2 fish, or
- the observation is isolated (i.e., no other fish where observed nearby in the waterbody), or
- there is no other associated evidence of fish use of the habitat.

AWC nominations based on adult carcass observations will be considered if:

- there are ≥ 2 fish, and
- there is evidence of recent spawning activity (e.g., redds present, eggs observed in the gravel), or
- there are recent observations by others of live/spawning fish in the same location, or
- the waterbody is a tributary to a currently specified waterbody that supports the same species, or
- there is evidence of downstream fish use in a corresponding AWC nomination.

As with all 'judgment' decisions, multiple lines of evidence is certainly better than a single piece of information. Ultimately, if there is enough info to reasonably conclude anadromous fish use a certain waterbody, that AWC nomination is valid. If the evidence is uncertain or non-existent, the nomination cannot be defended.

Thanks,
Mike

Michael Daigneault
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michael.daigneault@alaska.gov

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Johnson, J D (DFG)

From: Clark, Robert A (DFG)
Sent: Monday, October 21, 2013 8:04 AM
To: Johnson, J D (DFG)
Cc: Daigneault, Michael J (DFG)
Subject: RE: live vs. dead

Importance: High

J,

After looking at these nominations and thinking about it a bit, I think we can use most (see my comment below on nom 130218) of this information as nominations for spawning. I also think as a matter of policy that adult carcasses can only be used for a positive nomination for "spawning" if there is accompanying information on the nearby presence of redds/eggs in a stream (see Mike's criteria below). Each nomination must be judged on a case-by-case basis (i.e., carcasses by themselves do not constitute a positive nomination) along with other information in adjacent reaches or streams. As a result, carcasses cannot be used for nominations of "presence" only. I also would not accept the nomination of a dry channel as a spawning area (nom. 130218) as it cannot be confirmed that spawning occurred there. I do not believe that this change in policy would cause us to go back through all old F-noms that used carcasses, but I do believe that we should provide this policy information on our website so folks can know that they can use carcasses, but need accompanying information for a successful nomination. Thanks.

Bob

From: Johnson, J D (DFG)
Sent: Friday, October 11, 2013 1:24 PM
To: Clark, Robert A (DFG)
Subject: RE: live vs. dead

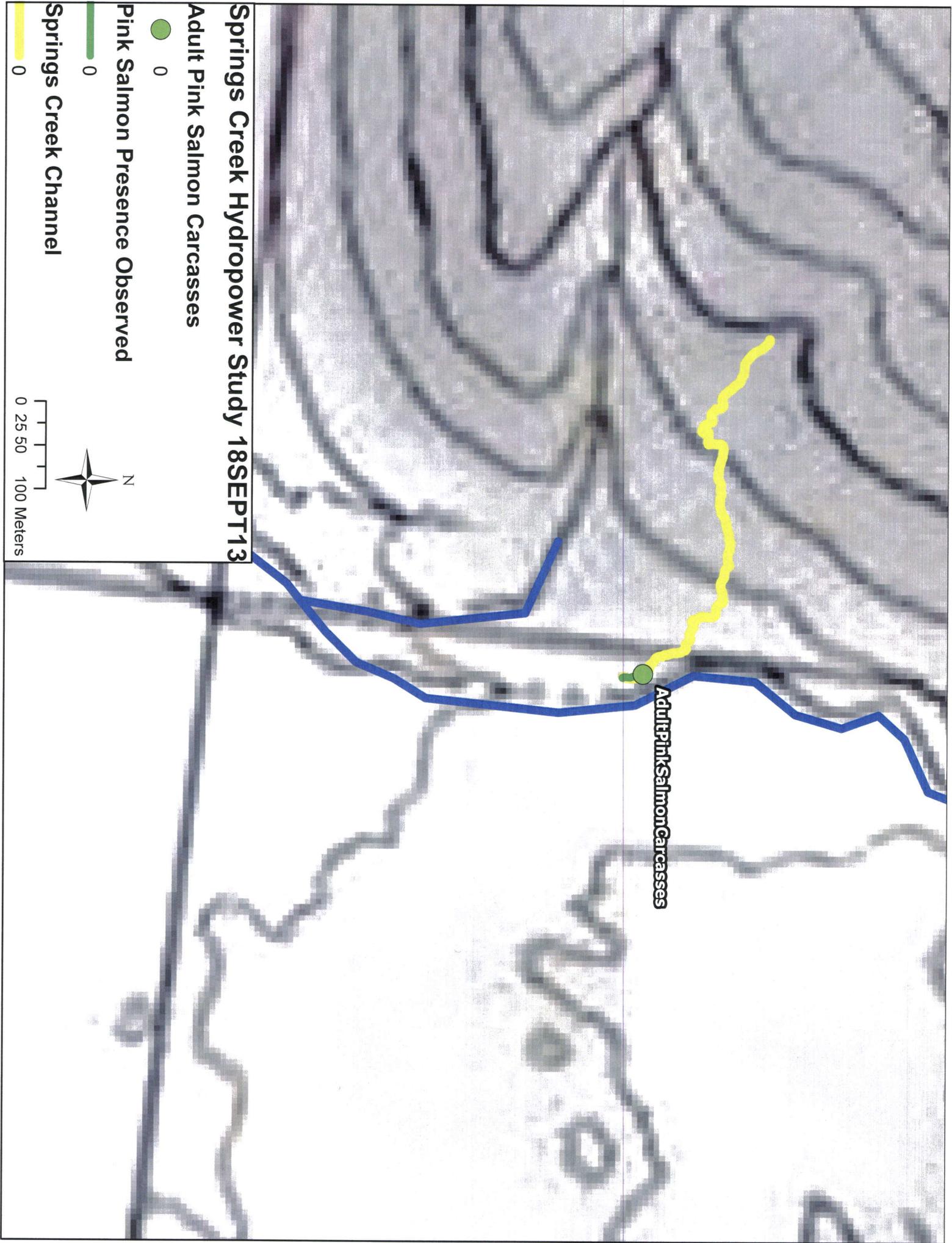
May be too big to email
I'll stick a hard copy in your "mail box" too

From: Clark, Robert A (DFG)
Sent: Friday, October 11, 2013 1:22 PM
To: Johnson, J D (DFG)
Subject: RE: live vs. dead

Sure – send 'em over – I will have a look on Monday.

From: Johnson, J D (DFG)
Sent: Friday, October 11, 2013 1:19 PM
To: Clark, Robert A (DFG)
Subject: RE: live vs. dead

I scanned all eight which I can send for your viewing pleasure or if ya want to go thru them together that works too



Springs Creek Hydropower Study 18SEPT13

Adult Pink Salmon Carcasses

0

Pink Salmon Presence Observed

0

Springs Creek Channel

0



0 25 50 100 Meters



Fish Passage Barrier

Pp Upper Extent

Psp

Pinkp

Adult Pink Salmon Carcasses

2 Adult Pink Salmon Carcasses

8/11/2013

8/14/2013

Adult Pink Salmon Carcasses 2 Adult Pink Salmon Carcasses

