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

Nomination Form
Anadromous Waters Catalog

X

Region: Southwest

USGS Quad(s): Dillingham C-7

AWC Number of Water Body: 325-30-101cc-2031-3118-4212-5030

Name of Water body: Spider Creek

☐ USGS Name ☒ Local Name

☒ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	150085	James J Hasbrouck Fisheries Scientist	5/8/2015 Date
Revision Year:	2016	[signature] Habitat Operations Manager	5/8/15 Date
Revision to: Atlas ___ Catalog ___ Both X		[signature] AWC Project Biologist	4/23/15 Date
Revision Code:	A2d	[signature] GIS Analyst	5/20/15 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Sockeye	~~Sept~~ July-Sept 2010-2014	X			☒
Arctic char	June - Sept 2010-2014		X	X	☒
RBT			X	X	☐
grayling.			X	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 Spider Creek coordinates (mouth)
59° 37.992' N
158° 32.762' W
Add new short stream w/ Sockeye salmon spawning

Name of Observer (please print): Jackie Carter
Signature: Jackie Carter
Date: 1/26/15
Agency: Univ. of Washington
Address: 1122 NE Boat St
Seattle WA 98105

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.

ALASKA DEPT. OF FISH & GAME
JAN 28 2015

Signature of Area Biologist: _____ Date: _____
Name of Area Biologist (please print):

Revision 11/13

Johnson, J D (DFG)

From: Johnson, J D (DFG)
Sent: Wednesday, January 28, 2015 2:25 PM
To: 'Jackie L. Carter'
Subject: RE: SF2013-141 Little Togiak Lake A and C Creek

Thx Jackie
That's a help
Dept is still working on update to 2015 AWC so until our "draft" version becomes official later in March, I won't be working up any nominations forms I've received thus far for the 2016 update.

J. Johnson
AWC Project Biologist
907-267-2337

From: Jackie L. Carter [mailto:jlcarter@uw.edu]
Sent: Wednesday, January 28, 2015 2:22 PM
To: Johnson, J D (DFG)
Subject: Re: SF2013-141 Little Togiak Lake A and C Creek

Hi J,
You are not missing something, I messed up and forgot to include a couple of the streams in my query. I've reattached the .xls file and it includes many years of counts for A and C creeks (which are already in the AWC, but aren't named). There are three others that I don't have much data for, and upon talking to some of the people who are most familiar with those streams, they may not actually support many anadromous fish so may not need to be added if you decide they don't qualify.

Rainbow Creek is listed on our permits just in case we need to sample it, but I learned today that they rarely see sockeye or any other anadromous salmonids there, and if they do it's one fish that seems lost. However, sockeye do pool up at the mouth, though it's unclear if they distribute themselves up the stream or if they are beach spawners. It does seem to support rainbows, char, and grayling.

Waterfall 'Creek' is a pool near Rainbow, that is definitely distinct from Rainbow Creek and Lake Nerka, and definitely has spawning sockeye. I haven't been able to find any notes in our databooks that support this anecdotal data, but the professor that works on that system (Daniel Schindler) tells me that they are there and spawning, enough fish to be worth noting, and have been since they've been checking on it (~5 years).

Spider Creek is rarely officially surveyed by our group because the sockeye spawner density is very low, but Dr. Schindler assures me that there are at least 2 sockeye observed during spawning season in the years that they have checked. You'll notice in the excel file that we have counts for a few

years in the 1950s - they are mostly 0s, with one year having 50 fish. I looked into the data and those 50 fish were seen over 2 miles of stream, so very low densities. We mostly target it for resident fish sampling (it definitely supports rainbows, char, grayling), but haven't been there for a couple years.

Those three I'll leave up to you to decide if they qualify. They were just noted on my sampling permits as "not included in the ACW" so I thought I'd nominate them at Scott's request.

Let me know if you have other questions, I'm happy to do more digging if you need better verification of spawner presence at any of the locations.
Thanks,
Jackie

On Wed, Jan 28, 2015 at 7:11 AM, Johnson, J D (DFG) <j.johnson@alaska.gov> wrote:

Jackie

Some of the noms that document sockeye salmon are not listed on the EXCEL spreadsheet

Am I missing something?

Is it safe to assume you observed at least 2 sockeye salmon at each site each year of observations?

J. Johnson

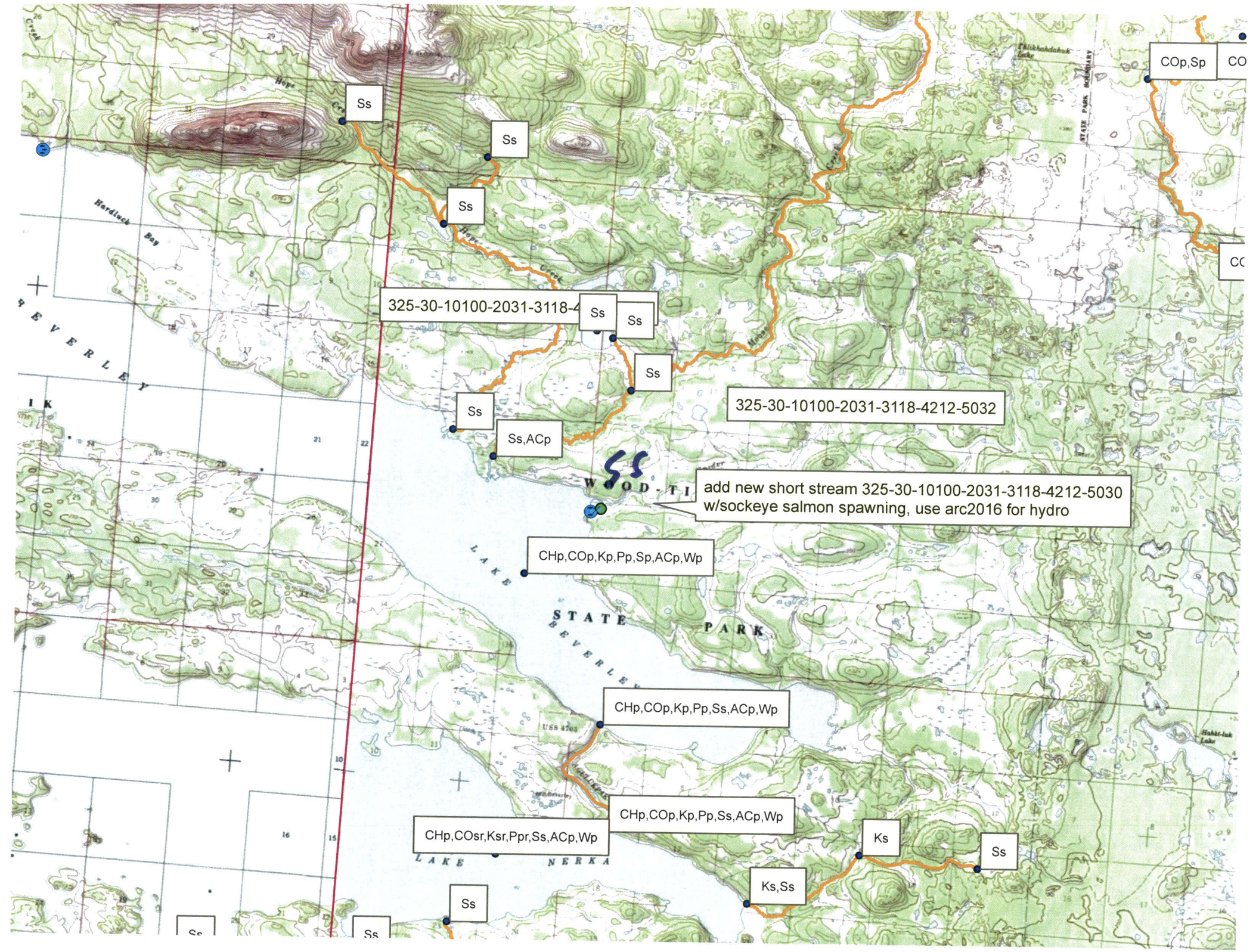
AWC Project Biologist

907-267-2337

From: Jackie L. Carter [mailto:jlcarter@uw.edu]
Sent: Tuesday, January 27, 2015 4:33 PM

District	USGS Quad	AWC #	Name	Mouth Lat	Mouth Long	Top Lat	Top Long	Notes
Southwest	Iliamna D-2	324-10-10150-2317	Pedro Ponds	59.792585	-154.12199			Currently nameless
Southwest	Dillingham B-8		Eagle Creek	59.316725	-158.69427	59.322679	-158.6623	
Southwest	Goodnews Bay C-1		Waterfall Creek	59.664732	-159.14673			
Southwest	Goodnews Bay C-1	325-30-10100-2031-3118-4125	Rainbow Creek	59.663636	-159.15304			Currently nameless, known as Rainbow Creek
Southwest	Dillingham C-8		Seventh (7th) Creek	59.579489	-158.91439	59.587526	-158.932	
Southwest	Dillingham C-8		Berm Creek	59.598544	-158.81459	59.603392	-158.83458	
Southwest	Dillingham C-7		Spider Creek	59.633205	-158.54604	59.644812	-158.48345	
Southwest	Dillingham C-8		B-12 Creek and Beach	59.664263	-158.80923			
Southwest	Dillingham C-8		Uno Creek (Unowhokkuit)	59.690623	-158.75429	59.71119	-158.75825	
Southwest	Goodnews Bay C-1	325-30-10100-2031-3118-4119-5004	C Creek/Beach	59.579054	-159.14109			Currently nameless
Southwest	Goodnews Bay C-1	325-30-10100-2031-3118-4119	A Creek/Beach	59.577371	-159.1309			Currently nameless
Southwest	Goodnews Bay C-1	325-30-10100-2031-3118-4117	Pick Creek	59.550785	-159.06422	59.526346	-159.08207	Currently named PIKE Creek (listed on USGS map as PIKE), but locally known as PICK. There is another Pike Creek on the South Arm of Nerka.
Southwest	Dillingham B-8		Midnight Creek	59.292377	-158.77166	59.289631	-158.77526	

SampleType	Lake	StationName	DateSampled	Sockeye Live Counts	Otoliths collected
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/3/1999	296	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/11/2000	137	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/10/2001	19	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/7/2002	89	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/9/2003	206	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/7/2006	450	226
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/15/2006	330	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/17/2012	3	
CreekWalk	Aleknagik	Aleknagik Midnight Creek	8/4/2014	28	
Creekwalk	Beverley	Beverley Spider Creek	8/12/1955	0	
Creekwalk	Beverley	Beverley Spider Creek	8/17/1955	0	
Creekwalk	Beverley	Beverley Spider Creek	8/8/1957	0	
Creekwalk	Beverley	Beverley Spider Creek	8/12/1958	50	
CreekWalk	Beverley	Beverley Uno Creek	8/13/2010	2645	228
CreekWalk	Beverley	Beverley Uno Creek	8/10/2011	2715	191
CreekWalk	Beverley	Beverley Uno Creek	8/9/2012	796	
CreekWalk	Beverley	Beverley Uno Creek	8/4/2013	2738	217
CreekWalk	Beverley	Beverley Uno Creek	8/14/2014	4571	212
CreekWalk	Iliamna	Iliamna Pedro Ponds	9/14/1963	21	
CreekWalk	Iliamna	Iliamna Pedro Ponds	8/29/1964	215	
CreekWalk	Iliamna	Iliamna Pedro Ponds	9/15/1964	525	
Ages	Iliamna	Iliamna Pedro Ponds	9/6/1968		40
Ages	Iliamna	Iliamna Pedro Ponds	9/15/1968		160
Ages	Iliamna	Iliamna Pedro Ponds	9/3/1969		200
Ages	Iliamna	Iliamna Pedro Ponds	9/15/1974		42
Ages	Iliamna	Iliamna Pedro Ponds	1/1/1900		110
Ages	Iliamna	Iliamna Pedro Ponds	8/16/1993		86
Ages	Iliamna	Iliamna Pedro Ponds	8/16/1994		196
Ages	Iliamna	Iliamna Pedro Ponds	8/27/1995		244
Ages	Iliamna	Iliamna Pedro Ponds	8/24/1997		2
Ages	Iliamna	Iliamna Pedro Ponds	8/27/1998		187
Ages	Iliamna	Iliamna Pedro Ponds	8/5/1999		144
Ages	Iliamna	Iliamna Pedro Ponds	8/15/1999		24
Ages	Iliamna	Iliamna Pedro Ponds	8/19/1999		25
Ages	Iliamna	Iliamna Pedro Ponds	8/21/1999		43
Ages	Iliamna	Iliamna Pedro Ponds	8/25/1999		38
Ages	Iliamna	Iliamna Pedro Ponds	1/1/1900		1
Ages	Iliamna	Iliamna Pedro Ponds	8/23/2002		1
Ages	Iliamna	Iliamna Pedro Ponds	8/17/2003		16
Ages	Iliamna	Iliamna Pedro Ponds	8/19/2003		11
Ages	Iliamna	Iliamna Pedro Ponds	8/21/2003		6
Ages	Iliamna	Iliamna Pedro Ponds	8/23/2003		1
Ages	Iliamna	Iliamna Pedro Ponds	8/27/2003		2
Ages	Iliamna	Iliamna Pedro Ponds	8/29/2003		4
CreekWalk	Iliamna	Iliamna Pedro Ponds	7/21/2008	0	
CreekWalk	Iliamna	Iliamna Pedro Ponds	7/24/2008	0	
CreekWalk	Iliamna	Iliamna Pedro Ponds	7/26/2008	81	
CreekWalk	Iliamna	Iliamna Pedro Ponds	7/29/2008	210	
CreekWalk	Iliamna	Iliamna Pedro Ponds	8/1/2008	614	
CreekWalk	Iliamna	Iliamna Pedro Ponds	8/4/2008	1477	
CreekWalk	Iliamna	Iliamna Pedro Ponds	8/7/2008	2126	
CreekWalk	Iliamna	Iliamna Pedro Ponds	8/10/2008	2490	
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/13/2008	3190	43
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/16/2008	4117	67
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/19/2008	4301	59
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/22/2008	3175	45
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/25/2008	4736	63
CreekWalk	Iliamna	Iliamna Pedro Ponds Bear Pond	8/28/2008	4176	30
Ages	Iliamna	Iliamna Pedro Ponds Bear Pond	8/22/2009		1
Ages	Iliamna	Iliamna Pedro Ponds Bear Pond	8/19/2010		45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325-30-10100-2031-3118-4
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325-30-10100-2031-3118-4212-5032
add new short stream 325-30-10100-2031-3118-4212-5030 w/sockeye salmon spawning, use arc2016 for hydro
CHp,COp,Kp,Pp,Sp,ACp,Wp
CHp,COp,Kp,Pp,Ss,ACp,Wp
CHp,COp,Kp,Pp,Ss,ACp,Wp
CHp,COsr,Ksr,Ppr,Ss,ACp,Wp
Ks
Ss
Ks,Ss
Ss
COp,Sp
BEVERLEY
STATE PARK
LAKE NERKA
Hardluck Bay
Hope Creek