



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

Nomination Form
Anadromous Waters Catalog



Region Southeast USGS Quad(s) Skagway B-3 NW

AWC Number of Water Body 115-32-10250-2077-3061-4001

Name of Water body Herman Creek "new" spawning channel USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>15-457</u>	<u>James J. Hoshrouck</u> Fisheries Scientist	<u>10/26/2015</u> Date
Revision Year:	<u>2016</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/26/15</u> Date
Revision to: Atlas _____ Catalog _____	Both <u>y</u>	<u>[Signature]</u> AWC Project Biologist	<u>14 Sept 15</u> Date
Revision Code: <u>A-1, B-1, C-9, B-2</u>		<u>[Signature]</u> GIS Analyst	<u>10 29 15</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Chum salmon	Sept. 2, 2015	21			<input checked="" type="checkbox"/>
Sockeye salmon	Sept. 2, 2015	72			<input checked="" type="checkbox"/>
Pink salmon	Sept. 2, 2015	2			<input checked="" 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

During an escapement survey for ADF&G/Division of Commercial Fisheries on Sept. 3, 2015, I observed in the "new" Herman Creek spawning channel:

19 live chum salmon spawning and 2 carcasses,
64 live sockeye salmon spawning and 8 carcasses,
3 live pink salmon spawning.

*cephite Lydeo, extend creek
add Chum, Pink, & sockeye
Salmon spawning
add pink salmon present to 115-32-10250-
2077-3061*

Name of Observer (please print): Greg Watchers

Signature: [Signature]

Agency: ADF&G/Division of Commercial Fisheries

Address: PO Box 330
Haines, AK 99827

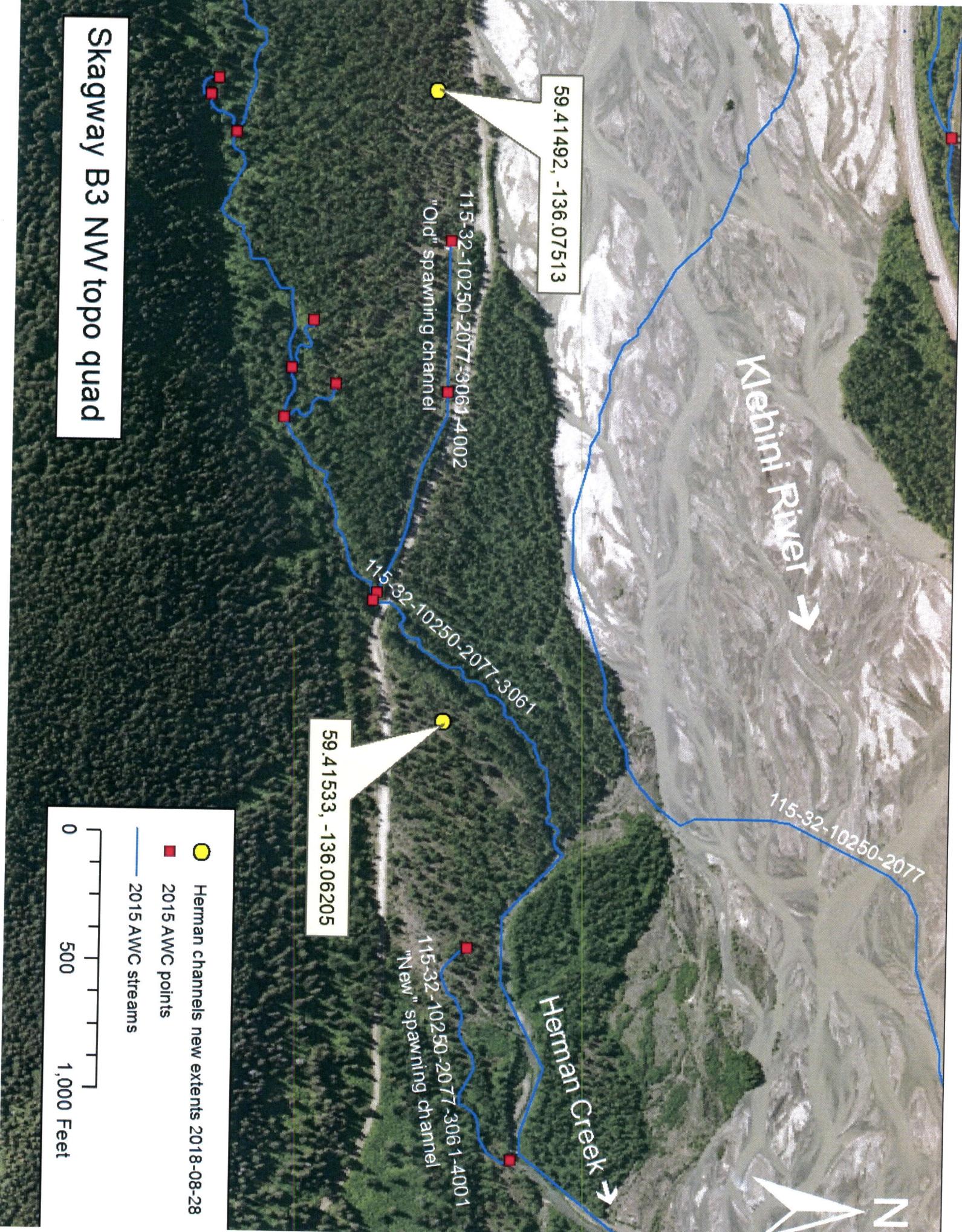
Date: 9/10/15

This certifies that in my best professional judgment and belief the above information is evidence that this water body should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: [Signature] Date: 9/10/2015

Name of Area Biologist (please print): RICHARD CHAPPELL

ALASKA DEPT. OF FISH & GAME
SEP 10 2015
Revision 11/13



59.41492, -136.07513

59.41533, -136.06205

Skagway B3 NW topo quad

Johnson, J D (DFG)

From: Chapell, Richard S (DFG)
Sent: Monday, September 14, 2015 8:57 AM
To: Johnson, J D (DFG)
Cc: Watchers, Greg M (DFG)
Subject: RE: Spawning in Herman Creek tribs
Attachments: AWC nom Herman Cr spawning channels 2015.docx

J:

In late August 2015, NSRAA completed a project to extend 2 man-made tributaries to Herman Creek for the purpose of increasing chum salmon spawning habitat. The attached map shows lat/lon points I collected in the field at the new wetted extents of tribs -4001 and -4002. A future task for me or Habitat Division staff is to walk the newly dug channel sections and map their paths.

Greg Watchers showed me the furthest upstream extents of fish species he observed on Sept. 2, 2015, and these locations are also shown on the attached map. He observed spawning chum salmon upstream as far as the newly excavated ends of these channels. Lat/lon coordinates for pink and sockeye salmon upstream extents are taken from Google Earth.

-Rich

From: Johnson, J D (DFG)
Sent: Friday, September 11, 2015 1:11 PM
To: Watchers, Greg M (DFG)
Cc: Chapell, Richard S (DFG)
Subject: Spawning in Herman Creek tribs

Greg

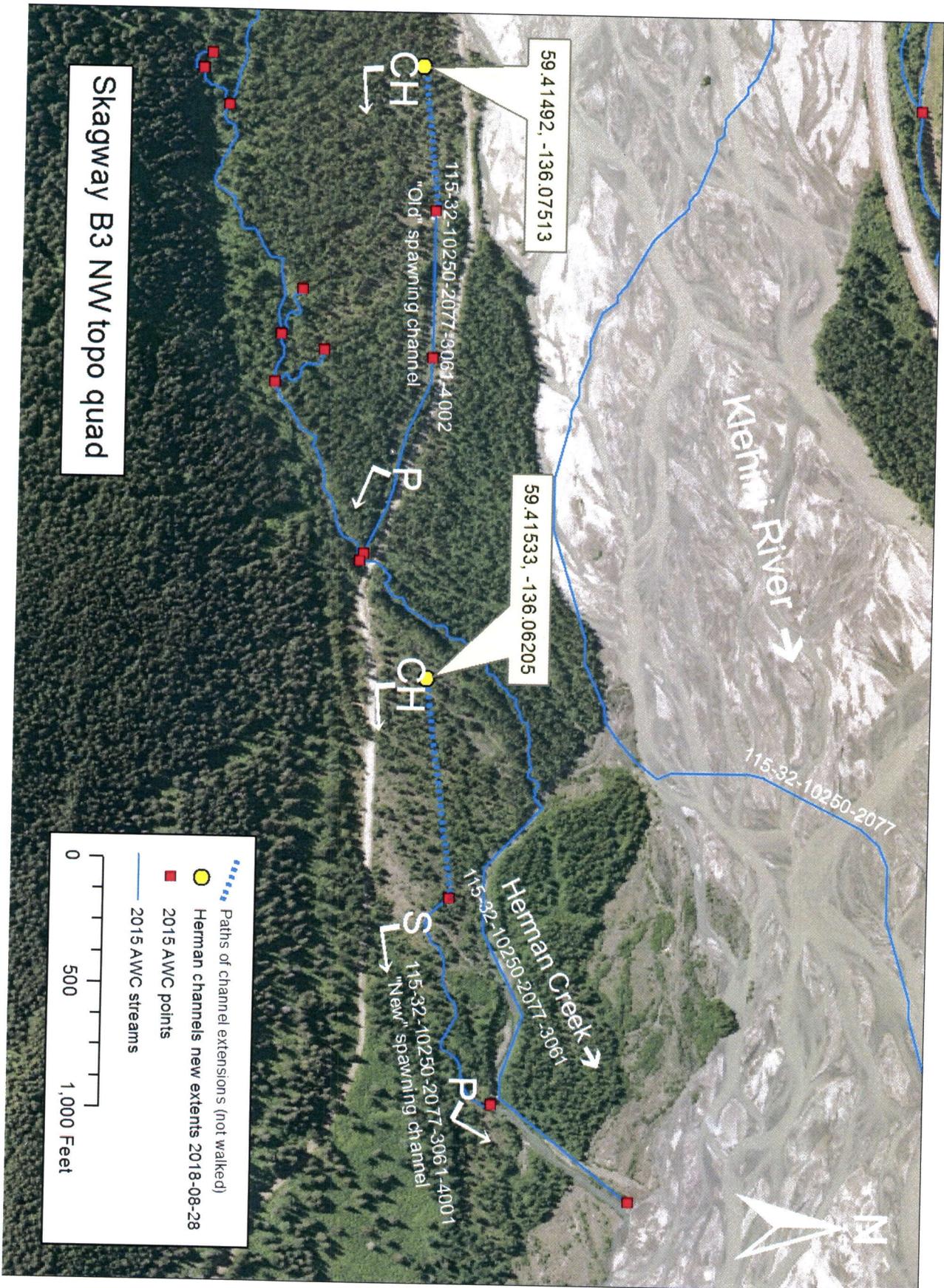
Richard has sent me a pair on nom forms which detail observations of various fish species in the "old" & "new" Herman Creek spawning channels. One question is just how far did you see each species, since only one coordinate was provided for each nom, is it safe to note that all species listed on each form were observed at the coordinates provided (on the map). I'm looking at a BING image for the "new" spawning channel. Looks like it was recently "created" was this something dug? An older nom form describes an "man-made" spawning channel at this location.

If ya refer to the attached image (15-457_ortho) you'll see that green dot is a bit upstream of the well-defined channel. Is that upper pt green dot an accurate representation of upper point of fish observations ?

Image 15-458_ortho does show a bit of a channel between existing upper pt (blue line) and larger green dot at lat/long provided on nom. Does this location match your observations of upper limit of pink salmon observed spawning?

Upstream extents of spawning salmon in Herman Creek tributaries on Sept. 2, 2015.

Herman Creek "old" spawning channel 115-32-10250-2077-3061-4002 Furthest upstream locations on 9/2/2015			Herman Creek "new" spawning channel 115-32-10250-2077-3061-4001 Furthest upstream locations on 9/2/2015		
Species	Lat	Lon	Species	Lat	Lon
Chum salmon	59.41492	-136.07513	Chum salmon	59.41533	-136.06205
Pink salmon	59.4149	-136.0664	Sockeye salmon	59.4155	-136.0569
			Pink salmon	59.4161	-136.0531



CHp, COpr, Sp, Dvp
CHp, COpr, Sp, Dvp

update hydro for 115-32-10250-2077-3061-4001
using arc2016, add pink & sockeye salmon spawning,
extend creek w/chum salmon spawning

CHs, CO, r, Ps, Ss

upper extent Ps

COR

COR

upper extent Ss

upper extent CHs

bing