



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

Nomination Form
Anadromous Waters Catalog & Atlas

Region: Interior

USGS Quad(s): Hughes C-1

Nomination proposes the following revisions:
(check all that apply)

☒ Addition

☒ Correction

☐ Deletion

☐ Supporting Information

AWC Number of Water Body: 334-40-11000-2125-3661-4030
(if known)

Name of Water Body: Sinyalak Creek
(if known)

☒ Official USGS
Name

☐ *Local or
Unofficial Name

For Official Use Only

Nomination # : 24-006

Revision Year : 2025

Revision(s) to: Atlas ☐ Both ☒ Catalog ☐

Revision Code(s): B-1, C-9

Adam Reim 8-19-2024
Fisheries Scientist
Ron Benkert 8/19/2024
Habitat F&G Coordinator
Joseph Lifer 2 Aug 2024
AWC Project Biologist
P. L. 8/21/2024
GIS Analyst

For fish observations, please provide the upper most point (Lat/Long) where any two individuals of observed species & life stage were documented. Please use Decimal Degree's with a minimum of 5 decimal places. Please see Supplemental Information Form if you need more room for species observation data and comments.

Species	Date Observed	Latitude	Longitude	Anadromous	Adult Presence	Spawning	Rearing
Chinook salmon	26-Jul-2024	66.709657	-153.050349	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Chinook salmon	26-Jul-2024	66.709832	-153.046972	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

~ADD new species CHINOOK salmon PRESENT to existing AWC Stream #334-40-11000-2125-3661-4030 "Sinyalak Creek".

~UPDATE/ADJUST hydrography of existing AWC Stream #334-40-11000-2125-3661-4030 "Sinyalak Creek".

~UPDATE/ADJUST hydrography segment of existing AWC Stream #334-40-11000-2125-3661 "Alatna River".

Comments:

During efforts to capture fish for contaminants sampling along the Alatna River, my fish technician Max Auschwitz and I saw four Chinook salmon in spawning colors in lower Sinyalak Creek. These were observed very low in the creek at the GPS points provided, we did not explore more than 1/4 mile up the creek. In the creek with the Chinook Salmon were chum salmon and Arctic grayling, which were both in high abundance. The water clarity was good so we are certain of this ID. The photos attached are the pictures we took through polarized sunglasses to try and best capture imagery of these fish. These fish were seen on a rainy day on Friday July 26th, 2024 at approximately 11:30 am. They were not actively spawning, but appeared to be staging to swim higher up Sinyalak Creek to spawn.

Observers Signature Kevin Fraley

8/1/2024

Observer Name: Kevin Fraley
(Please Print)

Date

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Agency or Organization: Wildlife Conservation Society

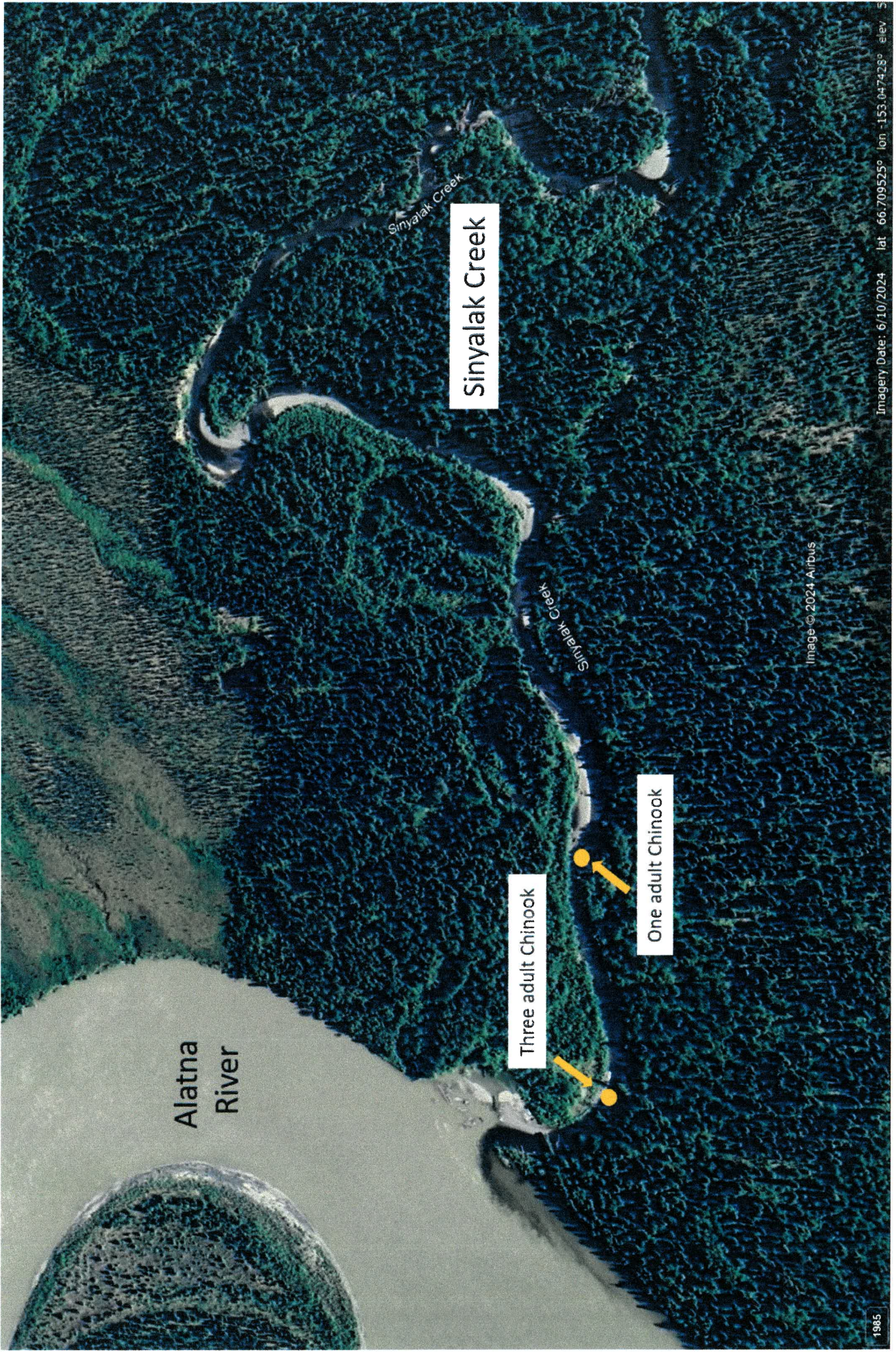
Signature of Area Biologist

Date

Address: 302 Cushman Street, Suite 203

Fairbanks, AK 99701

Name of Area Biologist (Please Print):



Alatna
River

Sinyalak Creek

Three adult Chinook

One adult Chinook

Sinyalak Creek

Image © 2024 Airbus

Imagery Date: 6/10/2024 lat 66.7095259 lon -153.047428 elev 5

1985



Lower Sinyalak Creek just upstream of confluence with Alatna River



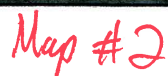
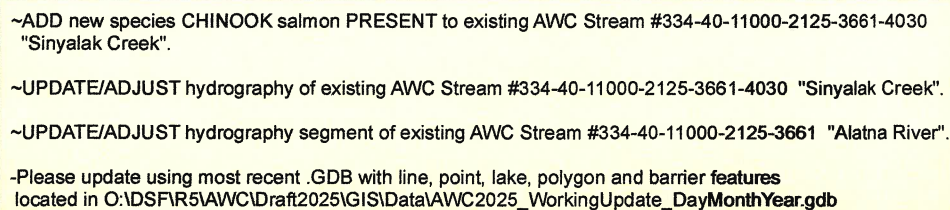
One of three Chinook salmon present in this hole can be seen in this downstream location in Sinyalak Creek marked on the included map



Chinook salmon and chum salmon in upstream most location in Sinyalak Creek marked on the attached map



Another view of Chinook salmon and chum salmon in upstream most location in Sinyalak Creek marked on the attached map



~ADD new species CHINOOK salmon PRESENT to existing AWC Stream #334-40-11000-2125-3661-4030 "Sinyalak Creek".

~UPDATE/ADJUST hydrography of existing AWC Stream #334-40-11000-2125-3661-4030 "Sinyalak Creek".

~UPDATE/ADJUST hydrography segment of existing AWC Stream #334-40-11000-2125-3661 "Alatna River".

-Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFAR5\AWC\Draft2025\GIS\Data\AWC2025_WorkingUpdate_DayMonthYear.gdb



Non #24-006

Map #3