



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

Nomination Form
Anadromous Waters Catalog & Atlas

Region: **SCN**

USGS Quad(s): **Anchorage D8**

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

☒ Addition

☐ Correction

☐ Deletion

☐ Supporting Information

AWC Number of Water Body:
(if known)

247-41-10200-2190-3020-4010

Name of Water Body:
(if known)

Tributary to Caswell Creek

☐ Official USGS
Name

☐ *Local or
Unofficial Name

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Nomination # : **24-002**

Revision Year : **2025**

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

Revision Code(s) : **A-2**

Adam Rottum
Fisheries Scientist

7-28-2024
Date

Ben Benkert
Habitat F&G Coordinator

7/25/2024
Date

Chris Ship
AWC Project Biologist

11 July 2024
Date

P. C.
GIS Analyst

7/30/2024
Date

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
Threespine Stickleback	06/12/2024	61.97582	-149.962456	☐	☒	☐	☐
Coho salmon	06/12/2024	61.975569	-149.963082	☒	☐	☐	☒
Rainbow Trout	6/12/2024	61.975569	-149.963082	☐	☐	☐	☒
Threespine Stickleback	6/12/2024	61.975569	-149.963082	☐	☒	☐	☐
Rainbow Trout	6/12/2024	61.974354	-149.964201	☐	☐	☐	☒

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish species, including: number of fish observed; photographs of each species & life stage observed or captured; sampling methods, duration and location(s) sampled; copies of data sheets and/or field notes, etc. Please attach a copy of a map showing location of lower and upper observed extents of each species & life stage, as well as other pertinent information such as specific locations of stream reaches where spawning or rearing individuals were observed or captured, and the location, type and heights of any barriers to fish passage, etc.

Comments:

Four traps were placed on 06/11-06/12/2024. The uppermost trap was placed in a lake which appears to be the headwaters of the tributary being surveyed. Trap 2 was placed in the lake near the outlet, and traps 3 & 4 were placed downstream in the stream channel. Coho salmon were captured at traps 2 & 4.

Field sheets, maps, data sheets, and site photos are attached.

~ADD new AWC stream #247-41-10200-2190-3020-4010 with COHO salmon REARING and PRESENT.

*Uppermost location of Coho observation's was in Trap #2 in the lake outlet interface but no specimens were caught in the Trap #1, farther out in lake. AWC additions are not projected above the uppermost observation. Further investigation and additional observations away from the lake outlet would be needed to add to the AWC.

Observers Signature

Lucas Byker

07/01/2024

Date

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Observer Name:
(Please Print)

Lucas Byker

Agency or Organization: **NMFS Habitat Conservation Div.**

Signature of Area Biologist

Date

Address: **222 W. 7th Ave, Ste 552 PO Box 43**

Name of Area Biologist (Please Print):

Anchorage, AK 99513

ARP# - SF 2024 - 137



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

Nomination - Supplemental Information Form
Anadromous Waters Catalog & Atlas

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AWC #:
(if known)

Tributary to AWC#- 247-41-10200-2190-3020

Nomination #:

Revision Year:

Name of Water Body:

(if known)

Tributary to Caswell Creek

This supplemental information sheet is provided for when there are more observations, locations, and/or species and life-stage information than can be documented in the one page Nomination Form. For location description, please provide latitude and longitude of the upper most point that two individuals of any observed species and life-stage were documented. Please use Decimal Degrees with a minimum of 5 decimal places.

Waypoint ID	Date Observed	Species	Latitude	Longitude	Anadromous	Adult Presence	Spawning	Rearing	Observation Notes Mortalities, Deformities, Disease, Behavior, Habitat, Etc.
	6/12/2024	Threespine Stickleback	61.974354	-149.964201	☐	☐	☐	☐	
	6/12/2024	Coho salmon	61.973305	-149.966103	☒	☐	☐	☒	
	6/12/2024	Threespine Stickleback	61.973305	-149.966103	☐	☒	☐	☐	
	6/12/2024	Rainbow Trout	61.973305	-149.966103	☐	☐	☐	☒	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	
					☐	☐	☐	☐	

Comments:



Figure 1: Trap site 2, at the outlet of the headwaters pond.



Figure 2: Catch from trap 2 prior to their release.

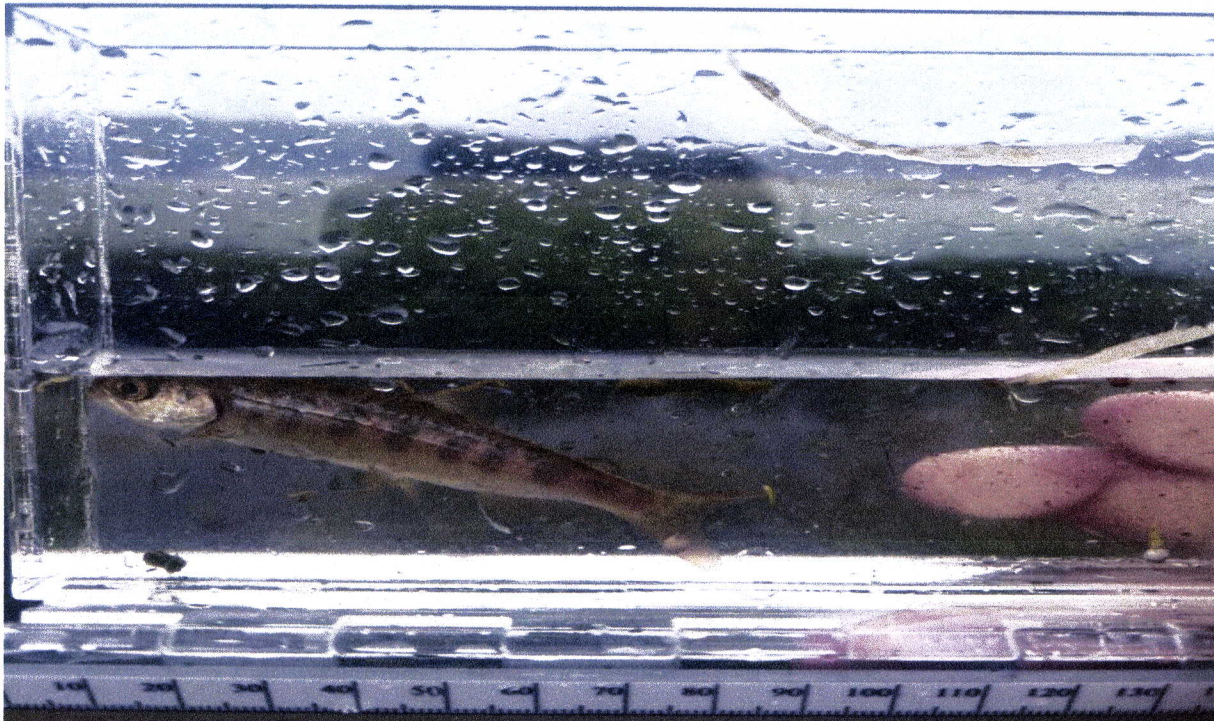


Figure 3: Juvenile coho captured in trap 4, the furthest downstream trap. Coho were captured in traps 2 & 4.



Figure 4: Overhead map of the trapping effort.

<u>Trap Site</u>	<u>Habitat Type</u>	<u>Coho Salmon</u>	<u>Rainbow Trout</u>	<u>Threespine Stickleback</u>	
Trap 1	Pond	N/A	N/A	8	
Trap 2	Pond		8	3	35
Trap 3	Stream channel	N/A		2	6
Trap 4	Beaver pond		3	1	3

Figure 5: Spreadsheet detailing catch in each of the 4 traps deployed.

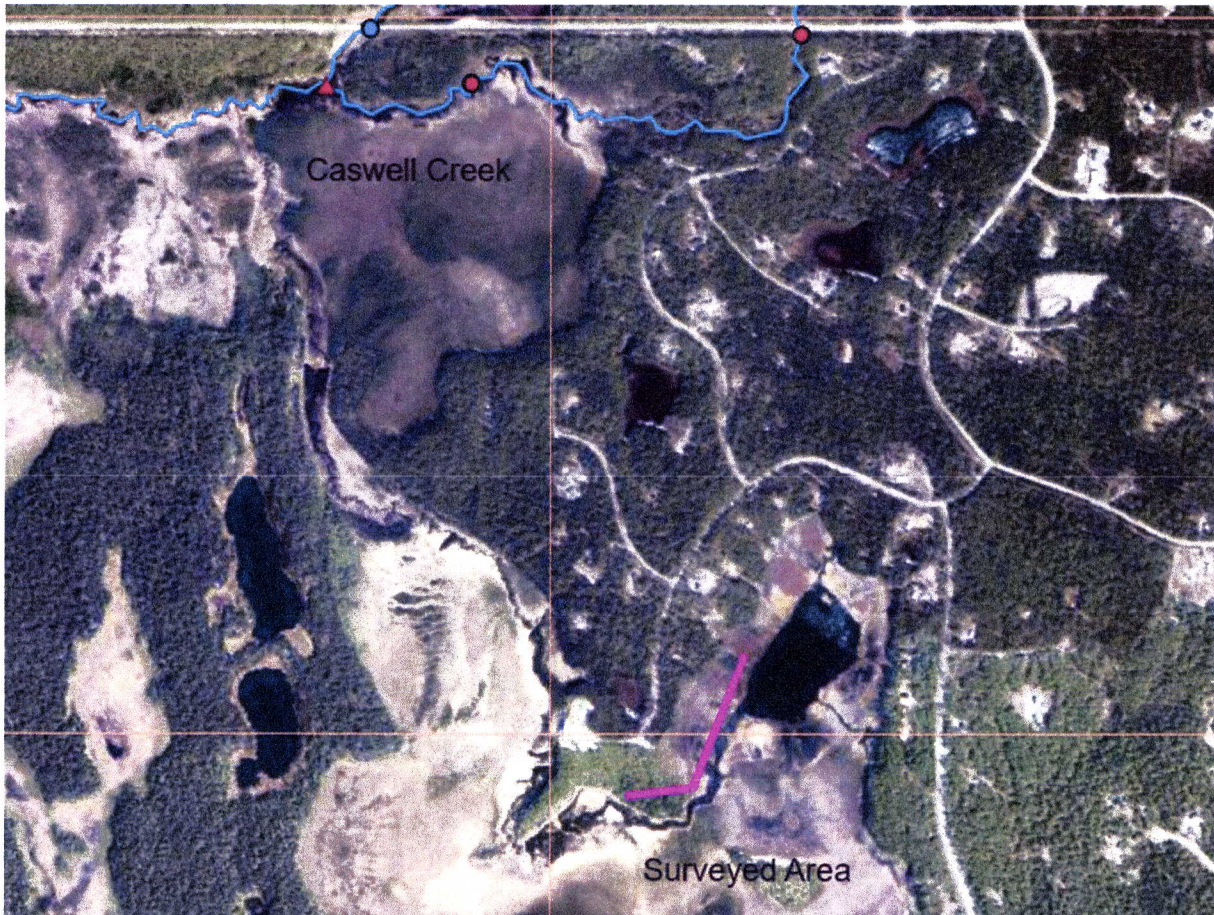


Figure 6: High-view map showing the surveyed tributaries' connection to Caswell Creek.

✓ Trap 1

Lat/long - 61.975820, -149.962456

Water body - Caswell trib

Soak time - 23 hrs

Date - 06/11/24 - 06/12/24

~~0000000000~~

Catch

<u>coho</u>	<u>RT</u>	<u>3sp stickle</u>
0	0	3-20mm, 2-40mm, 3-30mm

✓ Trap 2

Lat/Long - 61.975569, -149.963082

Water body - Caswell trib

Soak Time -

Date - 06/11/24 - 06/12/24

~~0000000000~~

Catch

<u>coho</u>	<u>RT</u>	<u>3sp stickle</u>
1-110	1-90mm	35
2-80	1-130mm	
1-70	1-110mm	
4-90		

Trap 3 61.974354, -149.964201
Lat/Long - ~~61.974632, -149.964121~~
Water body - Trib to Caswell
Soak time - 23 hrs
Date - 06/11/24 - 06/12/24

~~0000000000~~

Catch -

<u>3sp Stickle</u>	<u>RT</u>
3-20 mm	2-120 mm
2-40	
1-50 mm	

Trap 4

Lat/Long - 61.973305, -149.966103
Water body - Trib to Caswell
Soak time - 23 hrs
Date - 06/11/24 - 06/12/24

~~0000000000~~

Catch -

<u>coho</u>	<u>RT</u>	<u>3sp Stickle</u>
1-90 mm	1-110 mm	3-30 mm
1-60 mm		
1-80 mm		

