



**State of Alaska
Department of Fish and Game
Sportfish Division**

**Nomination Form
Anadromous Waters Catalog**

Region Southcentral USGS Quad(s) SEWARD A-5; BLYING SOUND D-5
 Anadromous Waters Catalog Number of Water Body 226-50-16300 (-0010)
 Name of Water Body *Big Johnstone Creek, Big Johnstone Lake USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>25-862</u>	<u>[Signature]</u> Fisheries Scientist	<u>1/26/2026</u> Date
Revision Year: <u>2026</u>	<u>[Signature]</u> Habitat Operations Manager	<u>1/12/26</u> Date
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>[Signature]</u> AWC Project Biologist	<u>23 Dec 2025</u> Date
Revision Code: <u>C-9, B-1, A-2</u>	<u>[Signature]</u> GIS Analyst	<u>1/21/2026</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
chum salmon	07/26/2025	✓		✓	✓
sockeye salmon	07/26/2025			✓	✓

~UPDATE/ADJUST hydrography of existing AWC Stream #226-50-16300 "Big Johnstone Creek".
~ADD new species CHUM and SOCKEYE salmon PRESENT to existing AWC Stream #226-50-16300 "Big Johnstone Creek".
~ADD new AWC Lake #226-50-16300-0010 "Big Johnstone Lake" with CHUM salmon SPAWNING and SOCKEYE salmon PRESENT.

Comments:

See page 2 for observer comments.
 Coordinates (Lat,Long): Upper(60.03690,-148.73012) Lower(60.03772,-148.73134)

Name of Observer (please print): Charles Cathcart
 Signature: 10.231.39.10 (Web Nomination) Date: 10/10/2025
 Agency: ADFG
 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 3/16
 Name of Area Biologist (please print): _____



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central

USGS Quad: SEWARD A-5, BLYING SOUND D-5

Anadromous Waters Catalog Number of Waterway: 226-50-16300 (-0010)

Name of Waterway: Big Johnstone Creek + Big Johnstone Lake

Addition

Deletion

For Office Use

Correction

USGS Name

Local Name

Backup Information

Nomination # 25-862	_____ Fisheries Scientist	_____ Date
Revision Year: 2026	_____ Habitat Operations Manager	_____ Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	_____ AWC Project Biologist	_____ Date
Revision Code: C-9, B-1, A-2	_____ GIS Analyst	_____ Date

Site Information Station: **FSGOA06B01** Date Observed: 7/25/2025 Legal Desc.: Latitude: Longitude: Datum:

Up Stream 60.03690 -148.73012 WGS84

Down Stream 60.03772 -148.73134 WGS84

Station Comments: Also referred to as Big Johnstone Lake, Formed by Excelsior Glacier melting/runoff. Cloudy, raining at times. Some vegetation/algae/primary productivity along shoreline. Water appears more clear around shore, could have subsurface flows.

Life History: Anadromous

Species/LifeStage: sockeye salmon adult

Sampling Method (No. of fish): GLS (2)

Species/LifeStage: chum salmon adult

Sampling Method (No. of fish): GLS (6)

Key to Sample Method

(GLS) Sinking Gill Net

Additional Comments: Add chum salmon spawning and sockeye salmon presence to Excelsior Lake. Six adult chum salmon and two adult sockeye salmon were gillnetted from the lake on July 26, 2025. Males and females of both species present. All fish had developed eggs and testes but only chum salmon appeared to be spawning. Spawning location is at the mouth of a tributary stream but no salmon were observed in the creek.

Name of Observer: Nate Cathcart, Habitat Biologist II

Phone: (907) 267-2238

Date Printed: 10/10/2025

Signature: *Nate Cathcart*

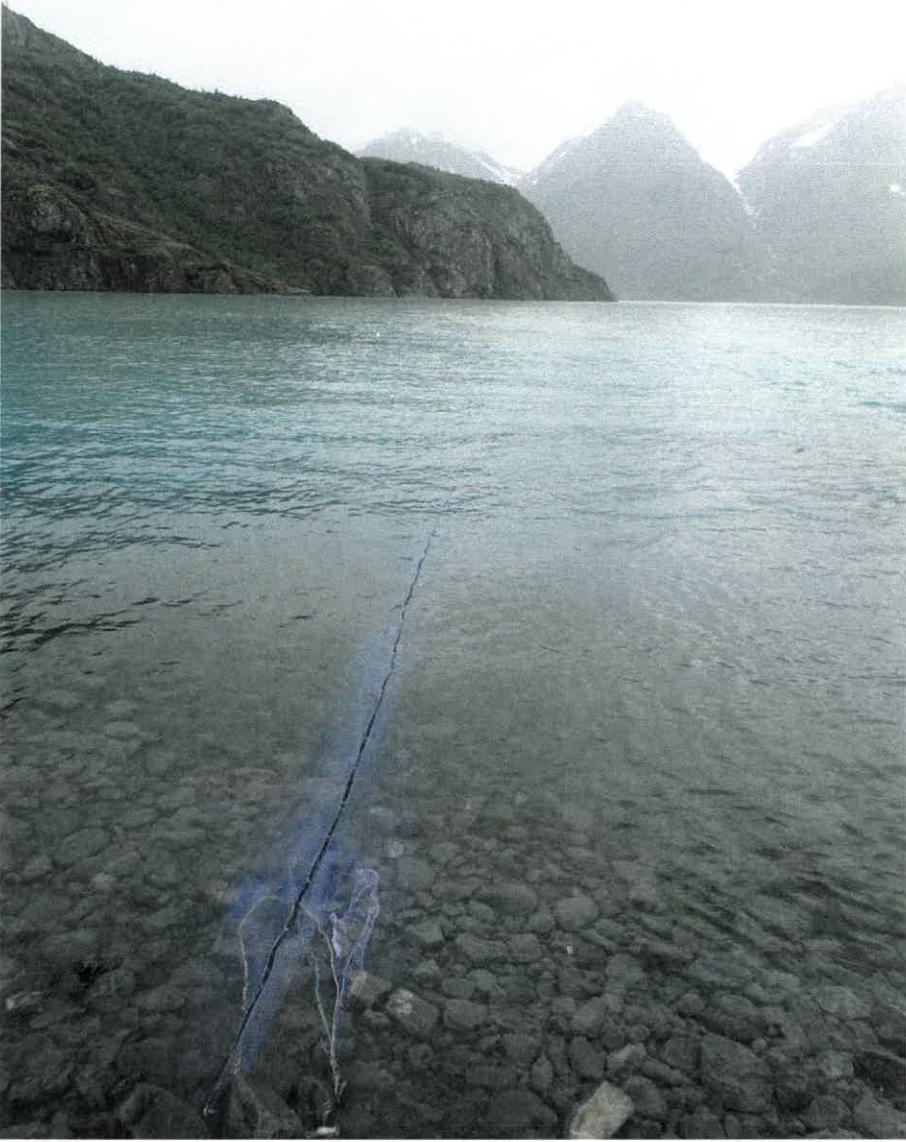
Address: Alaska Dept. Fish & Game, Sport Fish - RTS
333 Raspberry Road
Anchorage, AK 99518

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

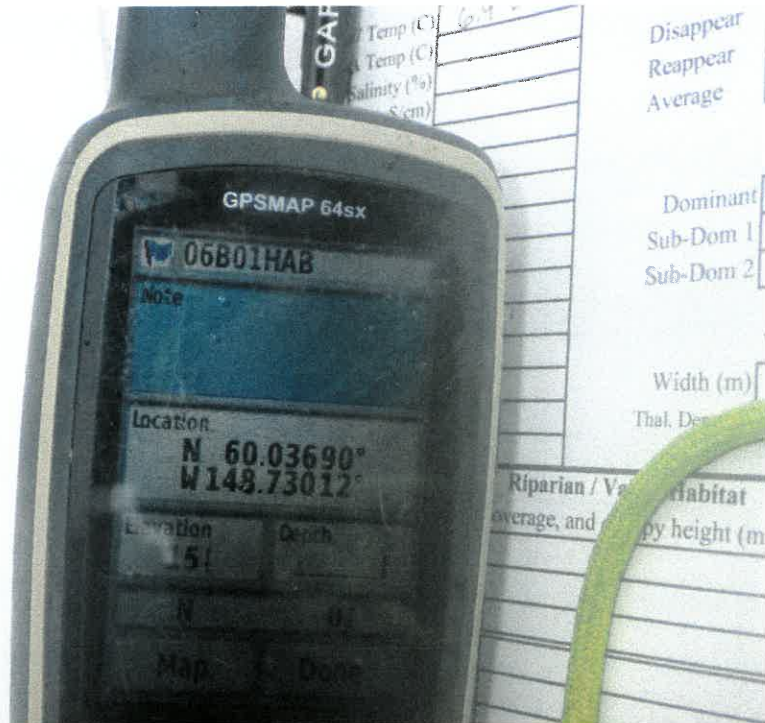
Signature of Area Biologist: _____ Date: _____



























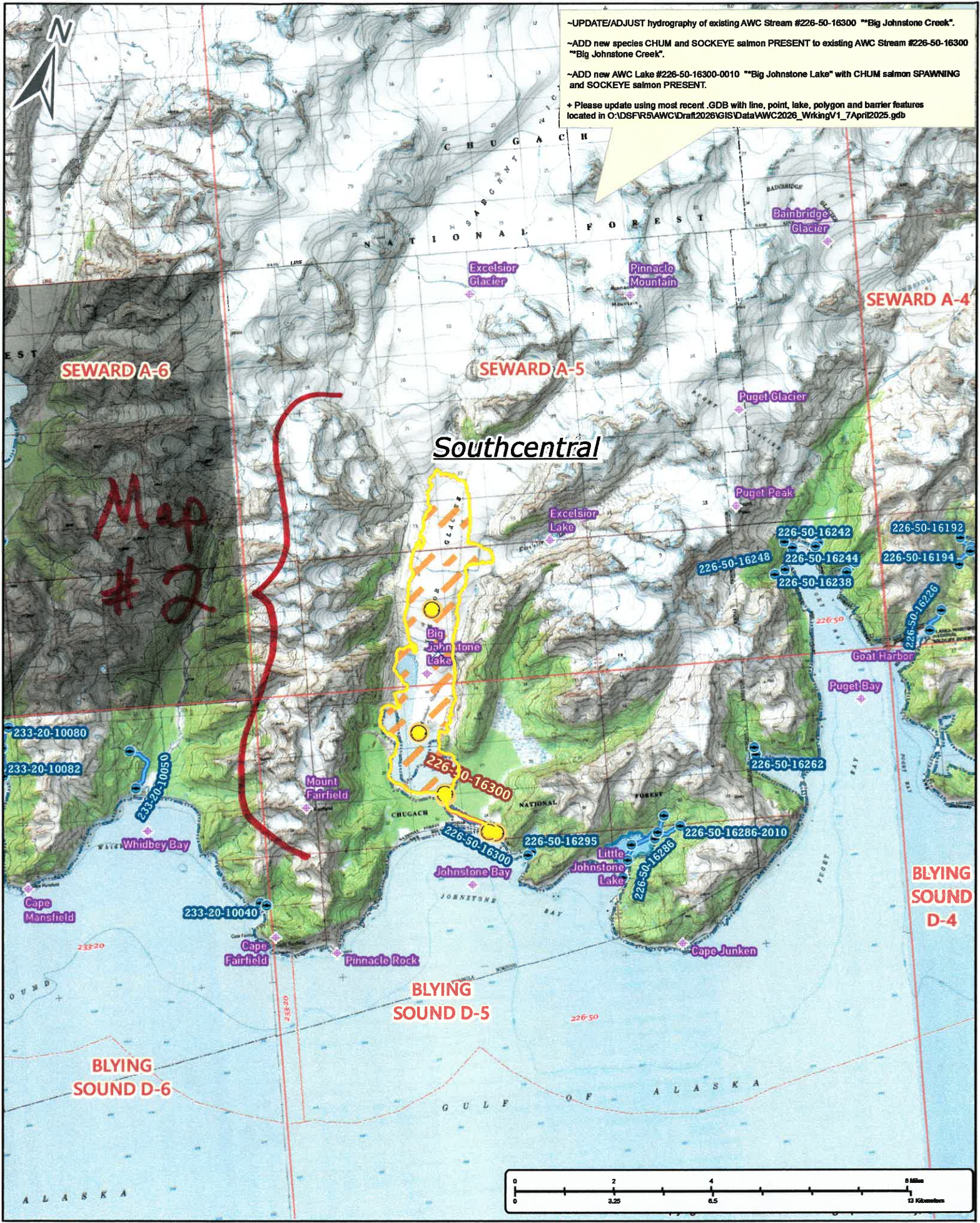








~UPDATE/ADJUST hydrography of existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 ~ADD new species CHUM and SOCKEYE salmon PRESENT to existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 ~ADD new AWC Lake #226-50-16300-0010 "Big Johnstone Lake" with CHUM salmon SPAWNING and SOCKEYE salmon PRESENT.
 + Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FR5\AWC\Draft2026\GIS\Data\AWC2026_WrkingV1_7April2025.gdb



Now # 25-862

Map # 1

-UPDATE/ADJUST hydrography of existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 -ADD new species CHUM and SOCKEYE salmon PRESENT to existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 -ADD new AWC Lake #226-50-16300-0010 "Big Johnstone Lake" with CHUM salmon SPAWNING and SOCKEYE salmon PRESENT.
 + Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5\AWC\Draft2026\GISData\AWC2026_WorkingV1_7Apr2025.gdb



Nom # 25-862

Map # 2



-UPDATE/ADJUST hydrography of existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 -ADD new species CHUM and SOCKEYE salmon PRESENT to existing AWC Stream #226-50-16300 "Big Johnstone Creek".
 -ADD new AWC Lake #226-50-16300-0010 "Big Johnstone Lake" with CHUM salmon SPAWNING and SOCKEYE salmon PRESENT.
 + Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DSFR5\AWC\Draft2026\GIS\Data\AWC2026_WorkingV1_7April2025.gdb

Southcentral

SEWARD A-5

CHs,Sp LAKE

226-50-16300-0010

+CHs, Sp
 -16300-0010

BLYING SOUND D-5

+CHp, Sp

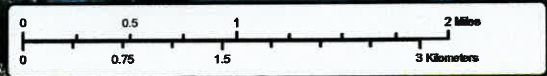
DELETE old upper

CHp,Ps,Sp new UPPER

CHp,Ps,Sp new LOWER

DELETE old lower

Johnstone Bay



Source: Esri, VA

Nome # 25-862

Map # 3