



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region Southcentral

USGS Quad(s) CORDOVA A-2, B-2

Anadromous Waters Catalog Number of Water Body 212-30-10016 (-2016)

Name of Water Body Mirror Slough USGS Name Local Name

Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>24-957</u>	<u>Adam Reum</u> Fisheries Scientist	<u>12-16-2024</u> Date
Revision Year:	<u>2025</u>	<u>Rob Barber</u> Habitat Operations Manager	<u>12/4/2024</u> Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Cyril Kifer</u> AWC Project Biologist	<u>20 Nov 2024</u> Date
Revision Code:	<u>D-1, C-9, B-2, F-1</u>	<u>P. E.</u> GIS Analyst	<u>12/17/2024</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	08/05/2024		✓		✓
Dolly Varden	08/05/2024		✓		✓
sockeye salmon	08/05/2024		✓		✓

~SHORTEN existing upper reach and; UPDATE/ADJUST hydrography boundary of existing AWC Stream #212-30-10016 "Mirror Slough".

~ADD species life-phase SOCKEYE salmon and Dolly Varden REARING to existing AWC Stream #212-30-10016 "Mirror Slough".

~SHORTEN existing upper reach and; UPDATE/ADJUST hydrography boundary of existing AWC Stream #212-30-10016-2016.

Comments:

See observer comments on page 2.
Coordinates (Lat,Long): Upper(60.239278,-144.607084) Lower(60.24013,-144.6083)

Name of Observer (please print): Duncan Green
Signature: 10.231.39.10 (Web Nomination) Date: 10/10/2024
Agency: _____
Address: 333 Raspberry Rd.
Anchorage, AK 99518

*Observation in this nomination also provide back-up supporting information on Coho Salmon Rearing in existing AWC Stream #212-30-10016 "Mirror Slough".

**Both water bodies were unsubstantiated prior to 2024 AFFI surveys, upper extents were approximated and not based on any hydrography data of imagery. Changes described in this nomination updates data to better reflect actual hydrography.



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

Fish Survey
Nomination Form
Anadromous Waters Catalog

Region: South Central

USGS Quad: Cordova A-2, B-2

Anadromous Waters Catalog Number of Waterway: 212-30-10016 (-2016)

Name of Waterway: Mirror Slough

USGS Name

Local Name

Addition

Deletion

For Office Use

Correction

Backup Information

Nomination # <u>24-957</u>	_____	_____
Revision Year: <u>2025</u>	Fisheries Scientist	Date
Revision to: Atlas _____ Catalog _____ Both <u>X</u>	Habitat Operations Manager	Date
Revision Code: <u>D-1, C-9, B-2, F-1</u>	AWC Project Biologist	Date
	GIS Analyst	Date

Site Information Station: FSCB2340C02 Date Observed: 8/5/2024 Legal Desc.: Latitude: Longitude: Datum:
Up Stream 60.23928 -144.60708 WGS84
Down Stream 60.24013 -144.60830 WGS84

Life History: Anadromous

Species\LifeStage: sockeye salmon juvenile
Species\LifeStage: coho salmon juvenile
Species\LifeStage: Dolly Varden juvenile

Sampling Method (No. of fish): PEF (2)
Sampling Method (No. of fish): PEF (24) VOG (4)
Sampling Method (No. of fish): PEF (26) VOG (10)

Life History: Resident

Species\LifeStage: slimy sculpin juvenile/adult

Sampling Method (No. of fish): PEF (1)

Key to Sample Method

(PEF) Backpack Electrofisher

(VOG) Visual Observation, Ground

Additional Comments: Add coho salmon rearing, Dolly Varden rearing, and sockeye salmon rearing to upstream waypoint 40C02UP (60.239278, -144.607084).. Four juvenile coho salmon, three juvenile Dolly Varden, and two juvenile sockeye salmon were collected at that waypoint via backpack electrofisher.

Name of Observer: Taylor Cabbage, Fishery Biologist I

Phone:

Date Printed: 10/10/2024

Signature: _____

Address: Department of Fish & Game, Sport Fish
333 Raspberry Rd.
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: _____



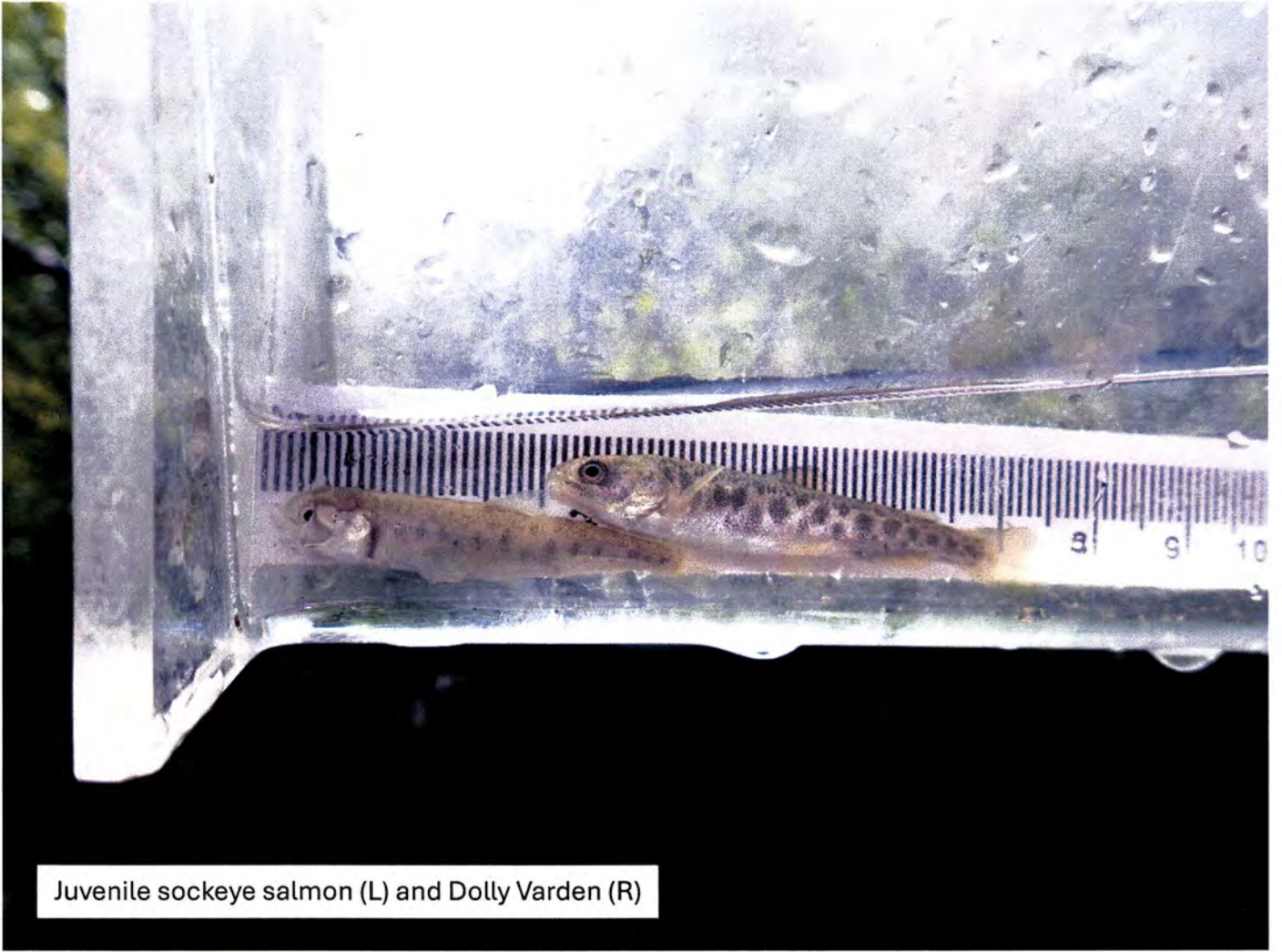




Juvenile sockeye salmon



Juvenile coho salmon (L,R) and Dolly Varden (middle)



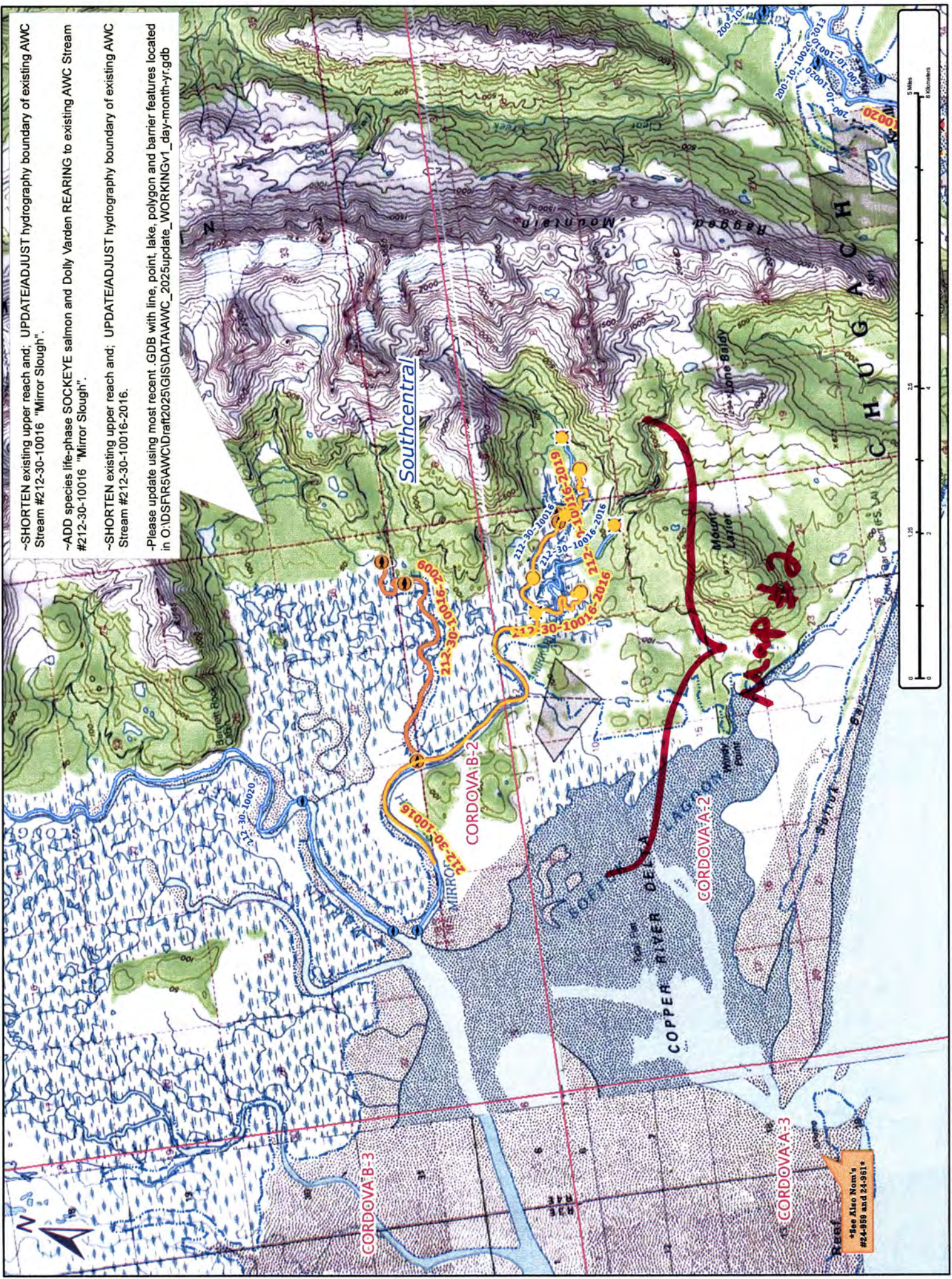
Juvenile sockeye salmon (L) and Dolly Varden (R)

~SHORTEN existing upper reach and; UPDATE/ADJUST hydrography boundary of existing AWC Stream #212-30-10016 "Mirror Slough".

~ADD species life-phase SOCKEYE salmon and Dolly Varden REARING to existing AWC Stream #212-30-10016 "Mirror Slough".

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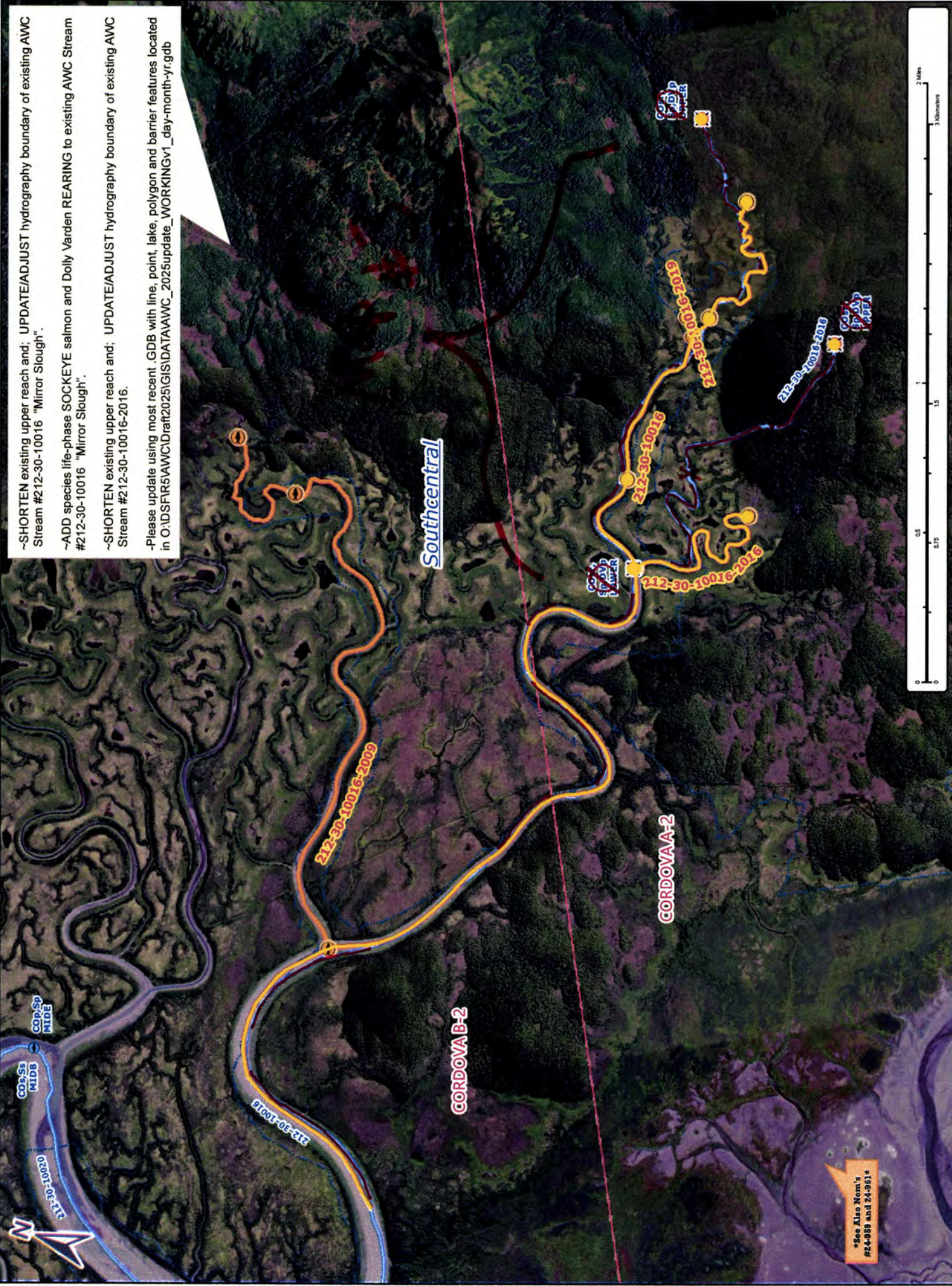
~Please update using most recent .GDB with line, point, lake, polygon and barrier features located in O:\DS\FIRS\AWC\Drat\2025\GIS\DATA\AWC_2025update_WORKINGv1_day-month-yr.gdb



See Also Name's #24-959 and 24-951

Map #1

Dom #24-957



- SHORTEN existing upper reach and; UPDATE/ADJUST hydrography boundary of existing AWC Stream #212-30-10016 "Mirror Slough".
- ADD species life-phase SOCKEYE salmon and Dolly Varden REARING to existing AWC Stream #212-30-10016 "Mirror Slough".
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See Also Mom's #24-959 and 24-961

Num #24-957

Map #2

~SHORTEN existing upper reach and; UPDATE/ADJUST hydrography boundary of existing AWC Stream #212-30-10016 "Mirror Slough".

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Southcentral

610019

CORDOVA-A-2

+ Sr, Dvr



Sr,DVT MIDB

~~212-30-10016-2016~~

212-30-10016

212-30-10019-2019

COR,DVT UPPER

Sr,DVT MIDE

See Also Norm #24-959



Map # 64

Norm #24-957



*See Also
Nom #24-959*

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Map #5

Nom #24-957