



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

**Nomination Form
Anadromous Waters Catalog**

Region Southcentral USGS Quad(s) SEWARD B-7
 Anadromous Waters Catalog Number of Water Body 244-30-10010-2250 (-3025) (-3018) (-3012)
 Name of Water Body Snow River and Tributaries (x3) USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # <u>22-682</u>	<u>Adam Reimer</u> Fisheries Scientist	<u>10-6-2022</u> Date
Revision Year: <u>2023</u>	<u>Ron Benkert</u> Habitat Operations Manager	<u>10/6/2022</u> Date
Revision to: <input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Joseph L. [Signature]</u> AWC Project Biologist	<u>9/30/2022</u> Date
Revision Code: <u>A-2, C-9, C-7</u>	<u>P. [Signature]</u> GIS Analyst	<u>10/13/2022</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	09/01/2022		✓	✓	

~Add new AWC stream #244-30-10010-2250-3025 with COHO salmon REARING.
 ~Update/adjust lower hydrography segment of existing AWC stream #244-30-10010-2250 "Snow River".
 ~Move/relocate mouth point of existing AWC stream #244-30-10010-2250-3018 and associated lower hydro segment.
 ~Update/adjust hydrography of existing AWC stream #244-30-10010-2250-3012.

Comments:

New tributary to the Snow River addition. Minnow traps set for 3 hours, two coho caught in farthest upstream trap. Three more coho caught just downstream. Traps set from railroad.
 Coordinates (Lat,Long): (60.29472076,-149.331937)

Name of Observer (please print): Kaitlynn Cafferty
 Signature: 209.193.25.125 (Web Nomination) Date: 09/26/2022
 Agency: _____
 Address: 514 Funny River Rd
Soldotna, AK 99669

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.

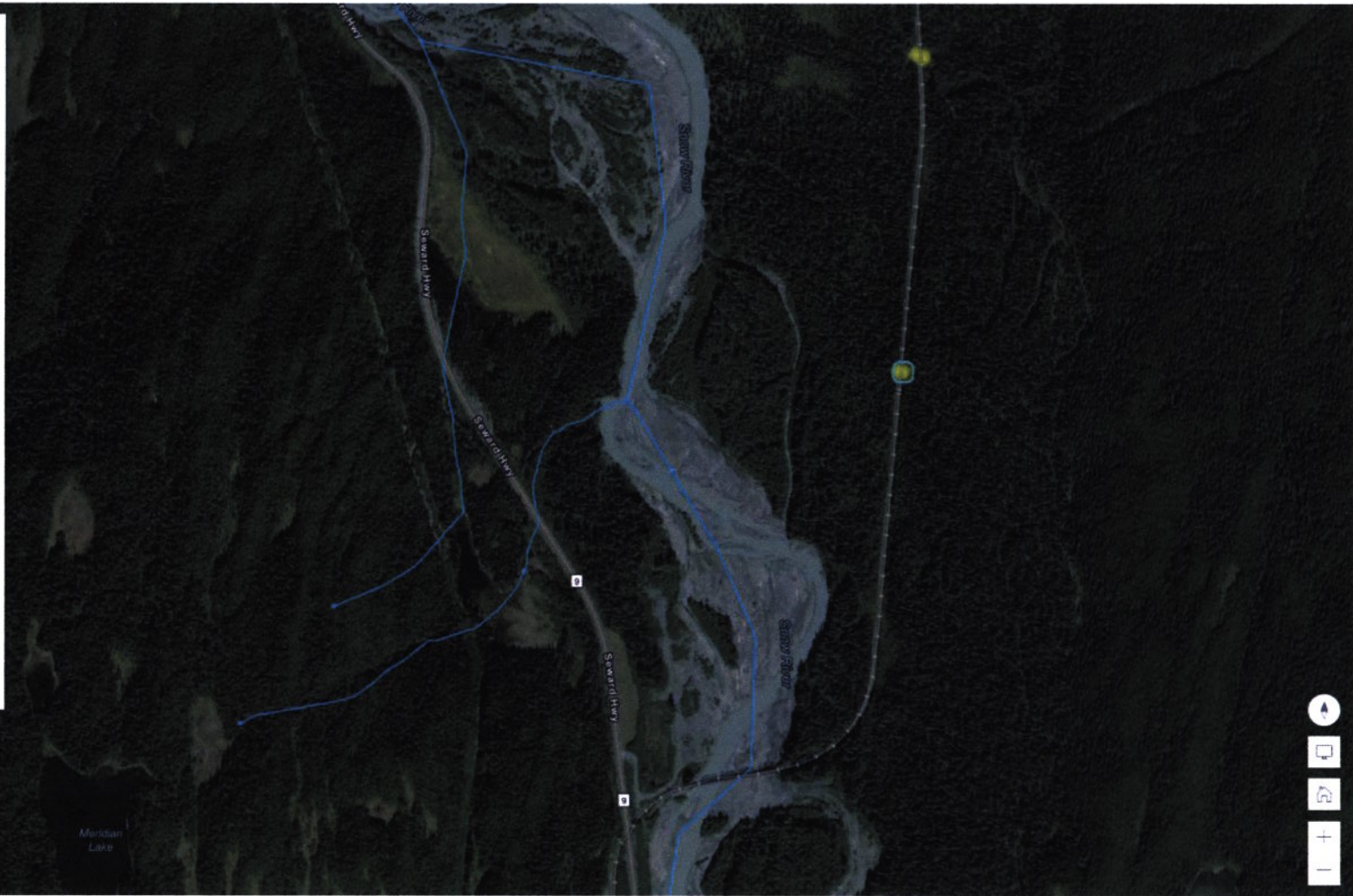
Signature of Area Biologist: _____ Date: _____ Revision 3/16
 Name of Area Biologist (please print): _____

OBJECTID	Notes	Sample		Site	End Trapping Date/Time	x	y	Fish Capture 1 combined	Fish Capture 2 combined	Sampling Effort (HRS)
		Method	Observer							
2	Fritz Creek, very perched culvert; 5 traps placed (3 u	MT	KC	Fritz Creek at East End Rd	6/15/2022 19:49	-151.3452659		59.70851629	1 Dolly Varden	24:00:51
3	Diamond Creek US trap 1	MT	KC	Diamond Creek at Sterling Highway		-151.6677973		59.66879709	3 Dolly Varden	N/A
4	Diamond Creek US trap 2	MT	TM	Diamond Creek at Sterling Highway		-151.6688707		59.66915751	No Fish	N/A
5	Diamond Creek DS trap 1	MT	TM	Diamond Creek at Sterling Highway		-151.6698745		59.66921241	1 Dolly Varden	N/A
6	Diamond Creek DS trap 2	MT	KC	Diamond Creek at Sterling Highway		-151.6698426		59.66921036	1 Dolly Varden	N/A
7	Trap 1	MT	KC	Trib of East Fork Sixmile at Seward Hwy		-149.3275904		60.72971368	No Fish	N/A
8	Fish trap 2, in pool	MT	KC	Trib of East Fork Sixmile at Seward Hwy		-149.3275507		60.72964558	No Fish	N/A
9	Fish trap 3, flowing water	MT	KC	Trib of East Fork Sixmile at Seward Hwy		-149.3272802		60.72944251	2 Dolly Varden	N/A
10	Trap 4, most US	MT	KC	Trib of East Fork Sixmile at Seward Hwy		-149.3274784		60.72935561	No Fish	N/A
11	Fish trap 1 in wetland near DOT wall	MT	KC	Kenai Trib behind DOT wall on Sterling Highway		-150.0366635		60.4870047	No Fish	N/A
12	Fish trap 2; in wetlands near DOT wall	MT	KC	Kenai Trib behind DOT wall on Sterling Highway		-150.0367973		60.48701416	20 Coho	N/A
13	Fish trap 3; in between silt curtains	MT	KC	Kenai Trib behind DOT wall on Sterling Highway		-150.0379386		60.48693846	No Fish	N/A
14	Fish trap 4, behind DOT wall	MT	KC	Kenai Trib behind DOT wall on Sterling Highway		-150.0389152		60.48686916	11 Coho	N/A
15	Not suitable Fish Habitat	Not Fished	KC	Lowell Creek-US of tunnel		-149.4555556		60.10248273	No Fish	N/A
16	Site where we caught 1 coho last year-not nominate	MT	KC	SOF perched culvert	8/5/2022 21:00	-150.8566923		60.76076129	No Fish	22:43:51
17		MT	KC	SOF perched culvert	8/5/2022 21:00	-150.856782		60.76071178	2 Coho	22:40:38
18		MT	KC	SOF perched culvert	8/5/2022 21:00	-150.8568631		60.76067295	6 Threespine Stickleback	22:39:37
19	Throats barely underwater	MT	KC	SOF bottom of hill	8/5/2022 21:30	-150.8429578		60.77561224	1 Rainbow Trout	22:55:50
20		MT	KC	SOF bottom of hill	8/5/2022 21:30	-150.8428832		60.77564861	No Fish	22:54:49
21		MT	KC	SOF bottom of hill	8/5/2022 21:30	-150.8428104		60.77577566	No Fish	22:53:55
22	Very low flow. Leeches.	MT	KC	SOF rusted culvert		-150.8623334		60.77896002	No Fish	N/A
23	Leeches	MT	KC	SOF rusted culvert		-150.8624311		60.77895633	No Fish	N/A
24	Trap had been moved, potentially bear?	MT	KC	SOF rusted culvert		-150.8620042		60.77891539	No Fish	N/A
25	Very limited flow. Not able to trap on other side of c	MT	KC	SOF lake		-150.8499564		60.79948849	No Fish	N/A
26	Not enough flow in outlet to place trap, two traps pl	MT	KC	SOF wetland		-150.8277366		60.78437174	No Fish	N/A
27	McNeil Creek is high gradient step pool/run system,	MT	KC	McNeil Creek at East End Road	8/24/2022 17:45	-151.2566074		59.74389017	No Fish	17:35:00
28	Trap set near small falls, unlike to have anadromous	MT	KC	McNeil Creek at East End Road	8/24/2022 17:45	-151.2565191		59.74377338	No Fish	17:30:00
29	Stream is relatively high gradient series of step pool	MT	KC	Palmer Creek at East End Road	8/24/2022 18:30	-151.4696293		59.66407745	No Fish	17:30:00
30	Step pool-riffle system. High gradient.	MT	KC	Palmer Creek at East End Road	8/24/2022 18:30	-151.4696105		59.66413782	No Fish	17:30:00
31	Low gradient creek with high organic substrate.	MT	KC	N. Fork Anchor Trib. (3011) at N. Fork Road	8/24/2022 23:20	-151.6402061		59.74818171	No Fish	4:05:00
32	Culvert here is perched	MT	KC	N. Fork Anchor Trib. (3011) at N. Fork Road	8/24/2022 23:20	-151.6406525		59.74831813	No Fish	4:00:00
33	Stream is overgrown and has sometimes subsurface	MT	KC	N. Fork Anchor Trib. (2021) at N. Fork Road	8/24/2022 23:40	-151.6265618		59.76643214	5 Dolly Varden	4:00:00
34	Culvert is perched	MT	KC	N. Fork Anchor Trib. (2021) at N. Fork Road	8/24/2022 23:45	-151.6268411		59.76626194	2 Dolly Varden	4:00:00
35	Downstream of culvert, stream is too shallow/goes :	MT	KC	N. Fork Anchor Trib. (3029) at N. Fork Road	8/25/2022	-151.6174094		59.77448513	No Fish	4:00:00
36	Low flow	MT	KC	N. Fork Anchor Trib. (2021 south) at N. Fork Road	8/25/2022 0:15	-151.6295513		59.76324446	No Fish	3:45:00
37	Culvert very perched; low flow-difficult to place trap	MT	KC	N. Fork Anchor Trib. (2021 south) at N. Fork Road	8/25/2022 0:15	-151.6298229		59.76329341	No Fish	3:30:00
38	Culverts (2) perched.	MT	KC	Telephone Creek extension at W. Highlands Blvd	8/25/2022 0:50	-151.6228111		59.68890326	3 Dolly Varden	2:30:00
39		MT	KC	Telephone Creek extension at W. Highlands Blvd	8/25/2022 0:45	-151.623043		59.68849745	1 Dolly Varden	2:20:00
41	Culvert at Hope Hwy, very minimal flow. Tributary o	MT	KC	Trib of Middle Creek	9/8/2022 21:45	-149.6380275		60.91549324	No Fish	0:37:22
42	Placed just upstream of stage	MT	KC	Trib of Middle Creek	9/8/2022 21:45	-149.6381282		60.91575595	No Fish	0:28:32
43	Culvert partially blocked? Water beetles.	MT	KC	Cannery Rd	9/13/2022 21:05	-151.2703554		60.52266718	1 Threespine Stickleback	23:31:15
44		MT	KC	Cannery Rd	9/13/2022 21:02	-151.2704524		60.52258583	No Fish	23:24:41
45		MT	KC	Cannery Rd	9/13/2022 21:00	-151.2701161		60.52252496	No Fish	23:20:48
46		MT	KC	Cannery Rd	9/13/2022 21:00	-151.2701839		60.52237767	No Fish	23:20:03
51	Water backed up, little flow.	MT	KC	Beaver Creek Oilfield	9/13/2022 23:04	-151.0401718		60.65055102	No Fish	23:50:48
53		MT	KC	Beaver Creek Oilfield-Lake Wetland Complex	9/13/2022 23:04	-151.02915		60.65617194	No Fish	23:40:19
54	Deeper on upstream side of this culvert	MT	KC	Beaver Creek Oilfield-Lake Wetland Complex	9/13/2022 23:10	-151.029312		60.65624889	No Fish	23:45:24
55		MT	KC	Beaver Creek Oilfield-Lake Wetland Complex	9/13/2022 23:14	-151.0247389		60.65774867	No Fish	23:42:26
56		MT	KC	Beaver Creek Oilfield-Lake Wetland Complex	9/13/2022 23:15	-151.0247286		60.65788153	No Fish	23:42:40
62	Coho max length 130 mm	MT	KC	Redoubt Ave	9/13/2022 21:36	-151.2675003		60.57435053	8 Coho	23:32:18
63	Trap placed in deep pool; Coho max length is 120 m	MT	KC	Redoubt Ave	9/13/2022 21:40	-151.2674199		60.57448259	7 Coho	23:33:27
64	Alaska blackfish length 80mm	MT	KC	Processor Creek at Lawton Dr	9/13/2022 22:02	-151.2257487		60.55973765	1 Alaska Blackfish	23:33:06
65		MT	KC	Processor Creek at Lawton Dr	9/13/2022 22:08	-151.2256613		60.55978884	1 Alaska Blackfish	23:42:08
67		MT	KC	Beaver Creek Oilfield	9/13/2022 23:04	-151.0404549		60.6505742	No Fish	23:49:34
70		MT	KC	Beaver Creek Oilfield-near pad	9/14/2022 22:57	-151.0402611		60.64246161	No Fish	23:23:33
71		MT	KC	Beaver Creek Oilfield-near pad	9/14/2022 22:58	-151.040223		60.64250181	No Fish	23:20:52
72		MT	KC	Beaver Creek Oilfield-near pad	9/14/2022 22:58	-151.0404711		60.64249477	No Fish	23:20:04
73		MT	KC	Beaver Creek Oilfield-near pad	9/14/2022 22:58	-151.0405359		60.64248312	No Fish	23:18:21

74	MT	KC	East Finger Lake Inlet	9/16/2022 21:11	-150.8755161	60.65519056	No Fish		24:05:55
75 Culvert somewhat perched	MT	KC	East Finger Lake Inlet	9/16/2022 21:12	-150.8754212	60.65523212	No Fish		24:03:21
76	MT	TM	East Finger Lake Inlet	9/16/2022 21:08	-150.8755432	60.65498043	No Fish		23:57:11
77	MT	TM	East Finger Lake Inlet	9/16/2022 21:07	-150.8755919	60.65492354	No Fish		23:54:35
78	MT	KC	East Finger Lake Inlet	9/16/2022 21:05	-150.8757657	60.65470076	No Fish		23:43:58
79	MT	KC	Mid Finger Lakes	9/16/2022 21:18	-150.882729	60.66011538	No Fish		23:43:16
80	MT	KC	Mid Finger Lakes	9/16/2022 21:18	-150.8826579	60.65991047	No Fish		23:39:36
81	MT	KC	Mid Finger Lakes	9/16/2022 21:18	-150.8826164	60.6598938	No Fish		23:39:01
82	MT	KC	Bridge at RR MP 15.2	9/1/2022 22:30	-149.3319812	60.29472273	3 Coho	4 Threespine Stickleback	3:00:00
83	MT	KC	Bridge at RR MP 15.2	9/1/2022 22:30	-149.331937	60.29472076	2 Coho	2 Threespine Stickleback	3:00:00
85	MT	KC	Bridge at RR MP 15.2	9/1/2022 22:30	-149.3321811	60.29472795	No Fish		3:00:00
86	MT	KC	Bridge at RR MP 15.2	9/1/2022 22:30	-149.3321227	60.29472299	4 Threespine Stickleback		3:00:00
87 More flow with a defined channel at this location; g	MT	KC	Bridge at RR MP 15.6	9/1/2022 22:15	-149.3315576	60.30145502	7 Coho		2:30:00
88 Good fish habitat; largest coho 120 mm, smallest 70	MT	KC	Bridge at RR MP 15.6	9/1/2022 22:15	-149.3314235	60.3014418	7 Coho		2:30:00
89	MT	KC	Bridge at RR MP 15.6	9/1/2022 22:15	-149.3311552	60.30142067	No Fish		2:30:00
90	MT	KC	Bridge at RR MP 15.6	9/1/2022 22:15	-149.3310907	60.30136224	No Fish		2:30:00
91	MT	KC	Bridge at RR MP 15.9	9/1/2022 22:00	-149.3317949	60.30457226	1 Threespine Stickleback		2:00:00
92	MT	KC	Bridge at RR MP 15.9	9/1/2022 22:00	-149.3318216	60.30449784	No Fish		2:00:00
93 Largest coho 110 mm, smallest 65mm.	MT	KC	Bridge at RR MP 15.9	9/1/2022 22:00	-149.3315322	60.30462555	7 Coho		2:00:00
94	MT	KC	Bridge at RR MP 15.9	9/1/2022 22:00	-149.331575	60.30456175	No Fish		2:00:00
95 Pinch point between two wetlands	MT	KC	Bridge at MP 16.2	9/1/2022 21:45	-149.3292767	60.30978447	No Fish		1:30:00
96 Wetland, almost standing water	MT	KC	Bridge at MP16.2	9/1/2022 21:45	-149.3291686	60.30943379	No Fish		1:30:00

2022 Survey Data

Site	Bridge at RR MP 15.2
Start of Trapping Date/Time	9/1/2022, 11:30 AM
End Trapping Date/Time	9/1/2022, 2:30 PM
Sample Method	MT
Observer	KC
Observer (2)	TM
Notes	
Fish Capture	Cono
Number of Fish	3
Fish Capture (2)	Threespine Stickleback
Number of Fish (2)	4
Fish Capture (3)	
Number of Fish (3)	
Stream Width (OHWM FT)	
Gradient	
Dominate Substrate	
Fish Habitat Features	
Fish Habitat Features (2)	
FRPA barrier?	

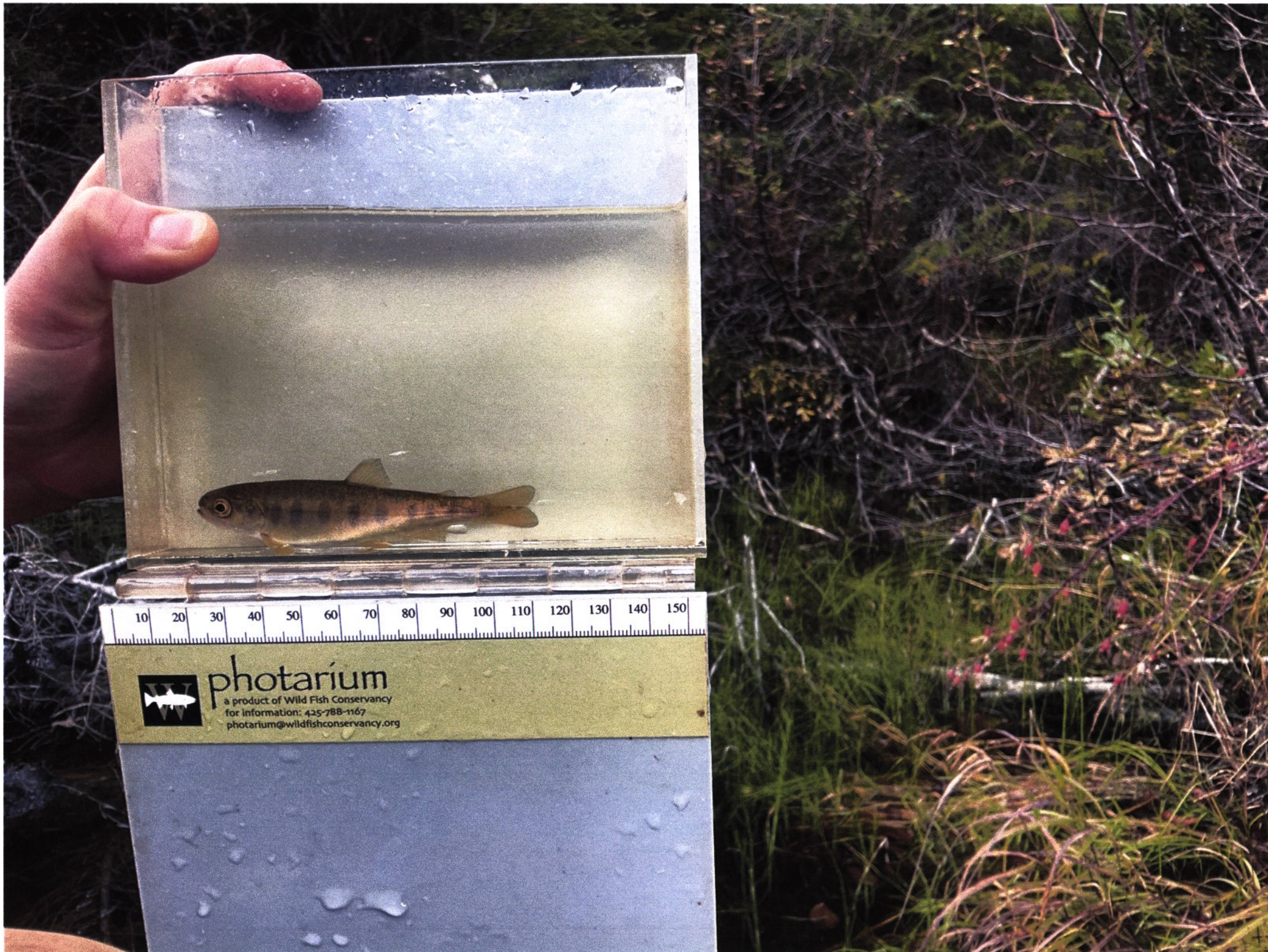






photarium

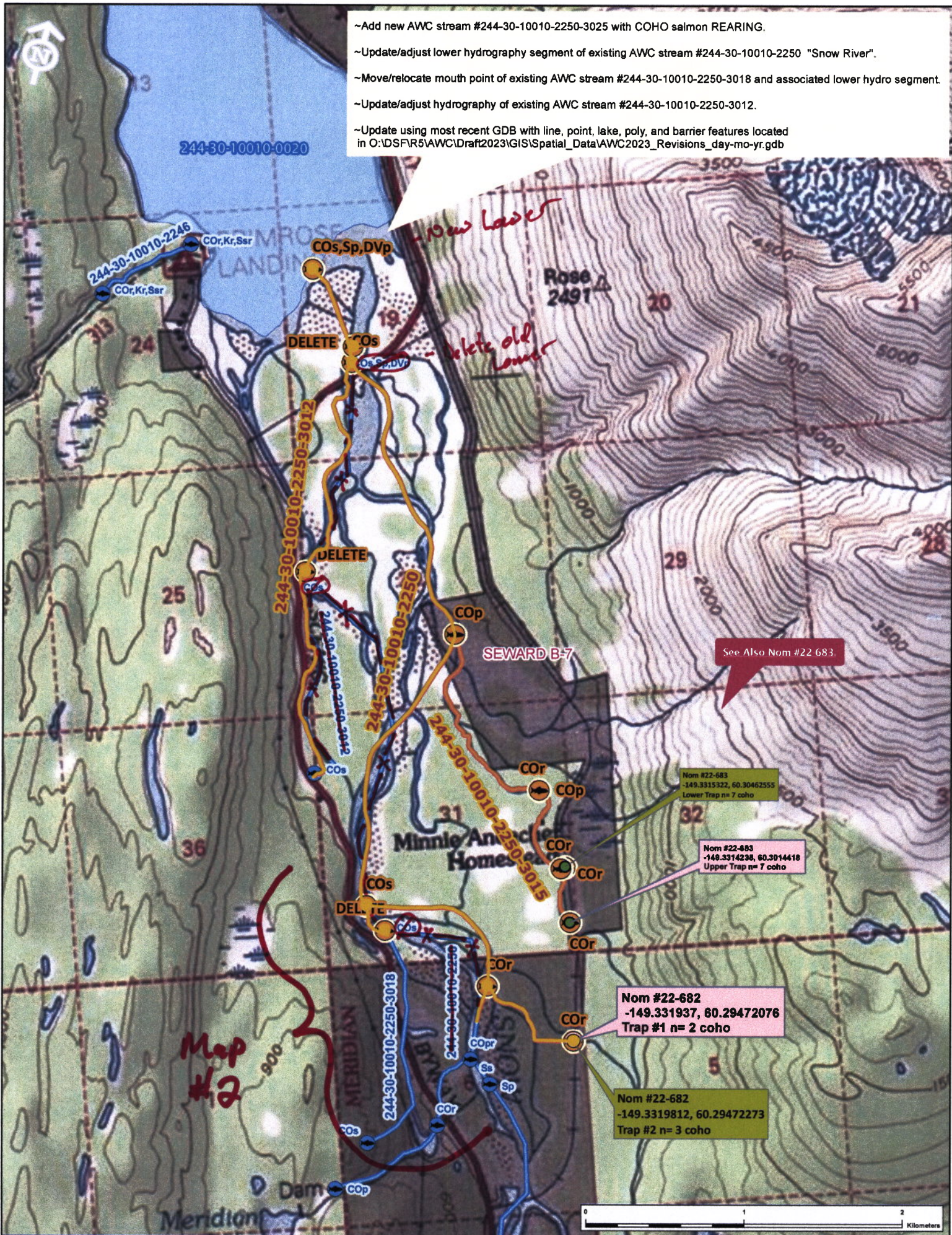
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for information: 425-788-1167
photarium@wildfishconservancy.org



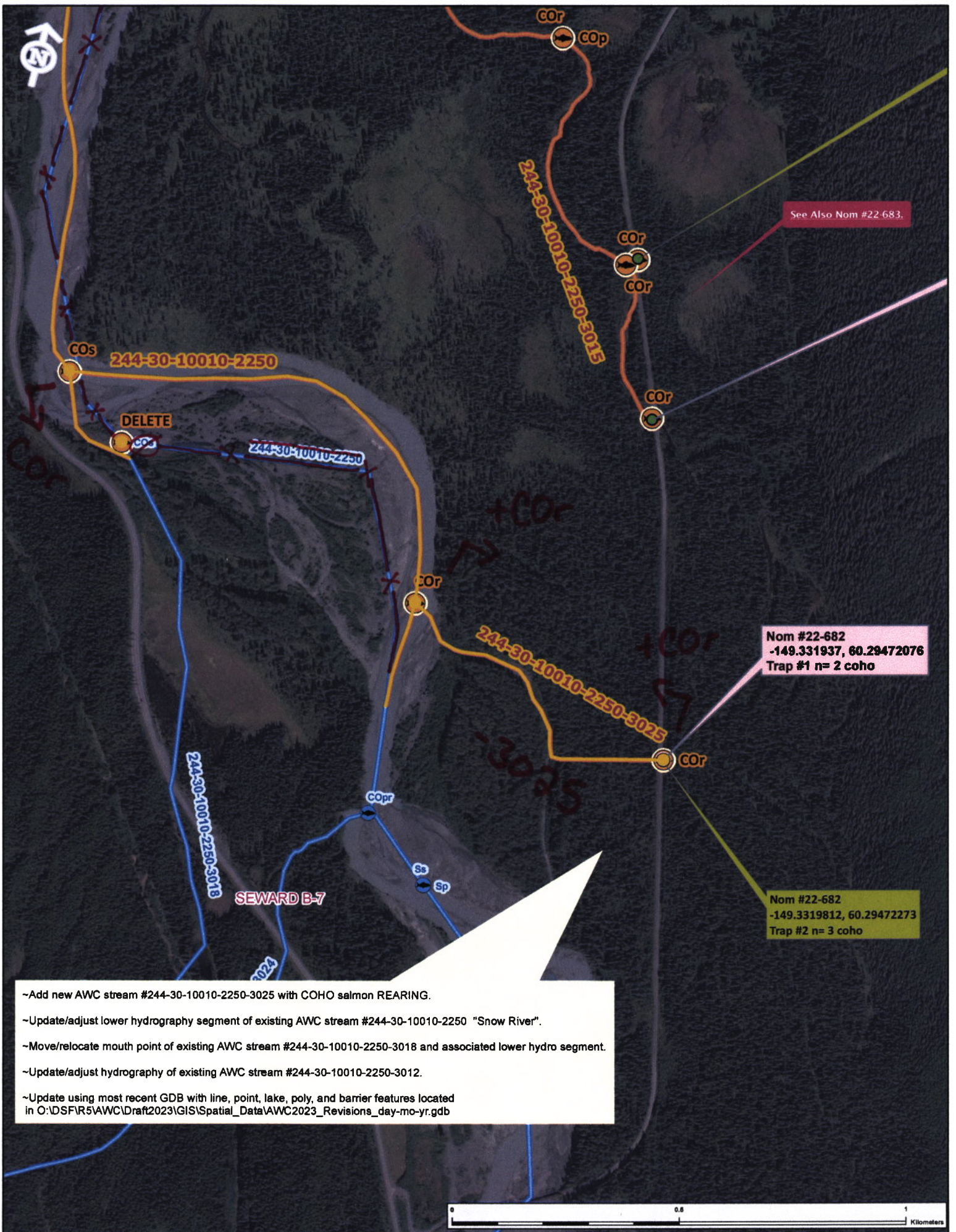
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- ~Add new AWC stream #244-30-10010-2250-3025 with COHO salmon REARING.
- ~Update/adjust lower hydrography segment of existing AWC stream #244-30-10010-2250 "Snow River".
- ~Move/relocate mouth point of existing AWC stream #244-30-10010-2250-3018 and associated lower hydro segment.
- ~Update/adjust hydrography of existing AWC stream #244-30-10010-2250-3012.
- ~Update using most recent GDB with line, point, lake, poly, and barrier features located in O:\DS\FR5\AWC\Draft2023\GIS\Spatial_Data\AWC2023_Revisions_day-mo-yr.gdb



Map #1



Map #2