AWC DATABASE CATALOG/ATLAS
CORRECTION FORM

CORRECTION TO: Atlas X Catalog X

Region: SEA

Map: Petersburg C-3, Petersburg 1:250

Water Body Number: 106-44-10105

Describe Change(s): update stream hydrography

reposition species pts as needed

rep nom # 15-593

Change Requested By: Johnson 2/3/2015 Date

Drafted/Digitized By: TA 5/13/15 Date

Revision Code: C-9

Nomination Number: 15-102

ATTACH THIS FORM TO EXISTING NOMINATION FORM

(Rev 05/07)

Johnson, J D (DFG)

From: Hoffman, Richard A (DFG)
Sent: Monday, February 02, 2015 1:36 PM
To: Johnson, J D (DFG)
Subject: Comments on Atlas maps

Hey J,

Have been reviewing updated atlas maps and other maps against our nominations. I have come across some things that I think need to be corrected.

Ketchikan:
101-47-10150-2049, nomination #14-614. The arc line extends beyond what we marked as the upper extent in our nomination. We said that some old culverts were likely a barrier in the nomination, when we should have said that they are a barrier. Don't know if this was the reason that this stream arc was not updated.

101-90-10690 and 101-90-10695, nomination #14-593, 14-592. From what I understand with talking with Tess about these stream is that they are used as index streams. We found that there is a barrier in the intertidal for both of these streams. I thought that we do not include intertidal in the anadromous catalog? Is the reason that this are still showing up in the atlas maps because they are used as index streams? If I understand everything correctly these should not show up in the anadromous waters catalog.

Petersburg:
106-44-10105, nomination #13-524. It does not look like this stream arc was changed to reflect our nomination. We found where the water was seeping out of the ground which is the top of this stream. Could you make the change to the arc to reflect our nomination?

106-44-10190, nomination #13-584. The stream arc does not reflect the nomination that was submitted. Stream arc is much longer and different shape than our submitted arc.

108-60-10048. In the atlas there is a barrier sign on this creek which is correct we did find a barrier on this creek. But the anadromous line continues up pass this barrier symbol. Is there a reason for this?

Icy Bay:
New stream #186-15-10550-2005-3002-4019. This arc should be removed from the atlas/catalog. We only caught CO at the confluence of stream and pond. This only helps prove that the pond is anadromous. The water that makes up this stream is just conveyance stream.

New stream #191-20-13700. This stream should not be connected to 191-20-13600-2046. When we were out there we did not have a stream enter where 191-20-13600-2046 should have entered. We did not check this stream at the time to see if it still exists. There was a bridge on the road where 191-20-13600-2046 supposedly crosses, but on two different times that we were out in Icy Bay the stream was dry under the bridge. Could be that stream should be delisted, but did not investigate enough to do that. I would recommend connecting 191-20-13700 with 191-20-13600 and shorten 191-20-13600-2046 where it connects with 191-20-13700 currently.

These are the only things that I have found to date. I have not done a complete run through everything yet, but considering how the last couple of communities have looked should not come across anything else. If you have any questions please call or email me.

State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog

Region: Southeastern

USGS Quad(s): Petersburg C-3

Anadromous Waters Catalog Number of Waterway: 106-44-10105

Name of Waterway: ☐ USGS Name ☐ Local Name

☑ Addition ☐ Deletion ☐ Correction ☐ Backup Information

For Office Use

Nomination #	13-524	Fisheries Scientist	Date 11/18/13
Revision Year:	2014	Habitat Operations Manager	Date 11/18/13
Revision to: Atlas ___ ___ Both X		AWC Project Biologist	Date 9/16/13
Revision Code:	B-2, C-4	Cartographer	Date 11/25/13

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	06/17/2013		✓	✓	✓

IMPORTANT: Provide all supporting documentation that this water body is important for the spawning, rearing or migration of anadromous fish, including: number of fish and life stages observed; sampling methods, sampling duration and area sampled; copies of field notes; etc. Attach a copy of a map showing location of mouth and observed upper extent of each species, as well as other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments:

Coordinates (Lat,Long): Upper(56.631155,-132.87002) Lower(56.629487,-132.877539)

Revise hydrography, add coho salmon rearing to stream

Ref # 13-517

Name of Observer (please print): Tess Quinn

Signature: 146.63.61.200 (Web Nomination) Date: 08/23/2013

Agency:

Address: PO Box 240927
Juneau, AK 99801

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 02/08

Name of Area Biologist (please print):

106-44-10105

Stream: 106-44-10105

Watershed: Frontal Wrangell Narrows

USGS Quadrangle: Petersburg C-3

MTRS: C060S080E

Date Surveyed: June 2013

Findings: This stream's route differs from that illustrated in the AWC.

Recommendations: Update this stream's course to reflect its sinuosity in the AWC.

Nomination form submitted: Yes

Nomination Status:

Table 1. 106-44-10105 Survey Data

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
657	56.62949	-132.878	Downstream of culvert under Mitkof Highway. CO in pools below culvert.	VI	CO
658	56.6282	-132.877	Mouth of creek into slough. Visual on CO the entire stretch below the culvert.	VI	CO
659	56.62963	-132.877	US of culvert. VI of 6 CO 35 mm.	VI	6 CO
660	56.63016	-132.876	Tributary entering river right. Disconnected now but will be connected at higher water. Coho present at mouth in pool. Tracking.	VI	CO
661	56.6303	-132.876	Several CO present.	VI	CO
662	56.6303	-132.876	Stream is becoming slightly disconnected. Barely flowing.	0	
663	56.63032	-132.876	2 CO caught in pool.	EF	2 CO
664	56.63064	-132.876	0	EF	3 CO
665	56.63077	-132.876	Creek goes subterranean.	0	
666	56.63079	-132.876	End of subterranean section. Caught 2 CO in pool at inlet.	EF	2 CO
667	56.63095	-132.876	Several CO in pool. Much of this stream is subterranean and dry.	VI	CO
668	56.63106	-132.876	Caught 2 CO (75 and 35 mm) in large pool. Small rock falls.	EF	2 CO
669	56.63114	-132.876	Fish in pool below 2 ' rocky, mossy fall.	EF	2 CO, 1 DV
670	56.63128	-132.876	CO caught in pool directly above fall.	EF	1 CO
671	56.63132	-132.876	Caught in large pool. There is more water and it is deeper in the upper section of the creek. Substrate changed from sand and gravel to brown muck.	EF	3 CO, 50-75 mm, 1 DV

Table 2. 106.44.10105 Survey Data continued

672	56.63136	-132.876	0	EF	2 CO
673	56.63147	-132.875	Calling it the top. There is a series of deep mucky pools with no fish. Top is mossy muck barely flowing into first pool.	EF	No fish
674	56.63048	-132.873	Visual of CO in mainstem up to this point so far.	VI	CO
675	56.63069	-132.872	Tributary entering river right. Tracking.	0	
676	56.63073	-132.872	2 CO in a pool.	VI	3 CO
677	56.63087	-132.872	0	EF	2 DV
678	56.63092	-132.872	Top of tributary. Ends in a rocky seep.	0	
679	56.631	-132.871	0	EF	2 CO
680	56.63107	-132.87	0	EF	2 DV
681	56.63116	-132.87	Calling it the top. Comes out of a mossy seep from the ground. We are going to try to electrofish below to try to get another CO.	0	

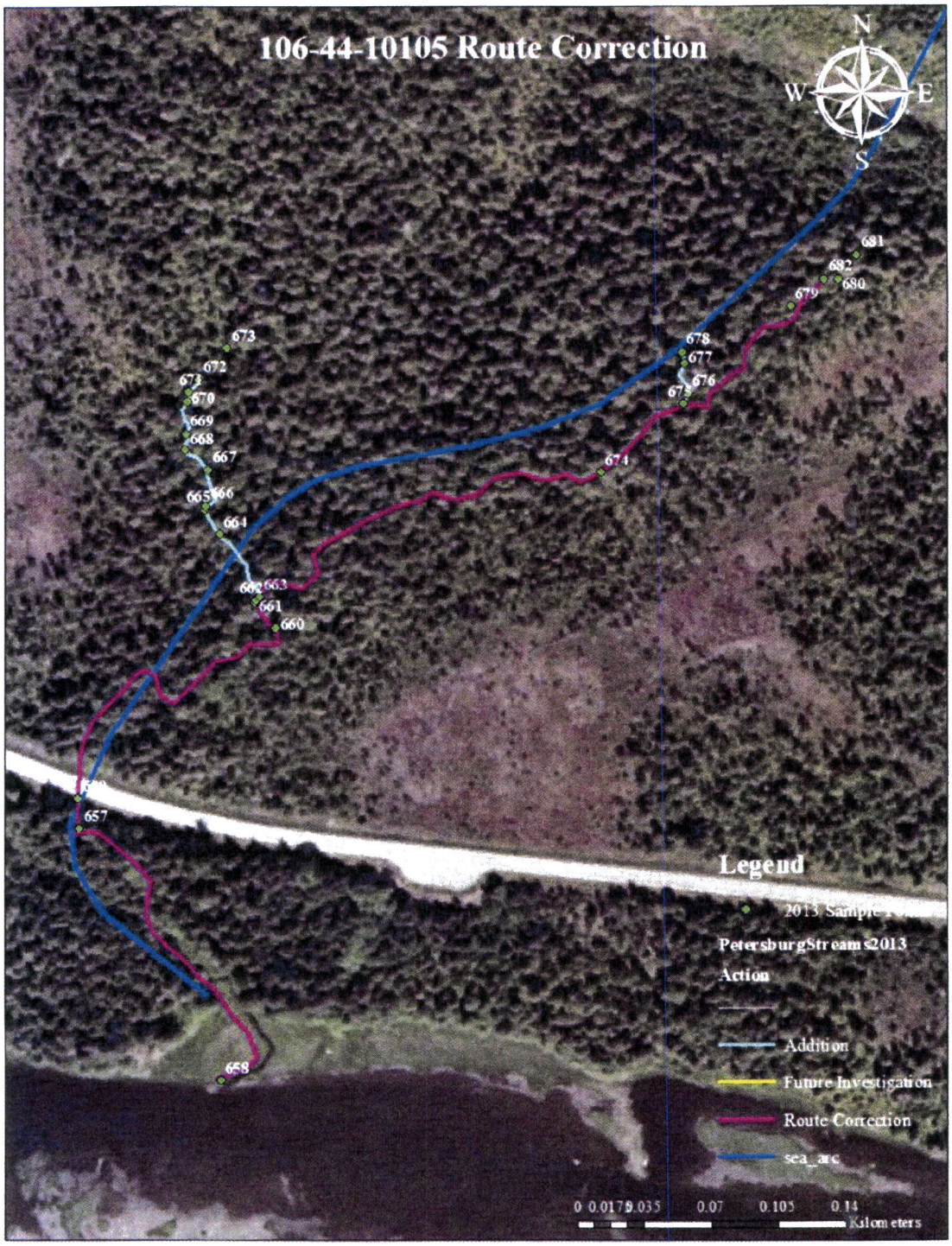
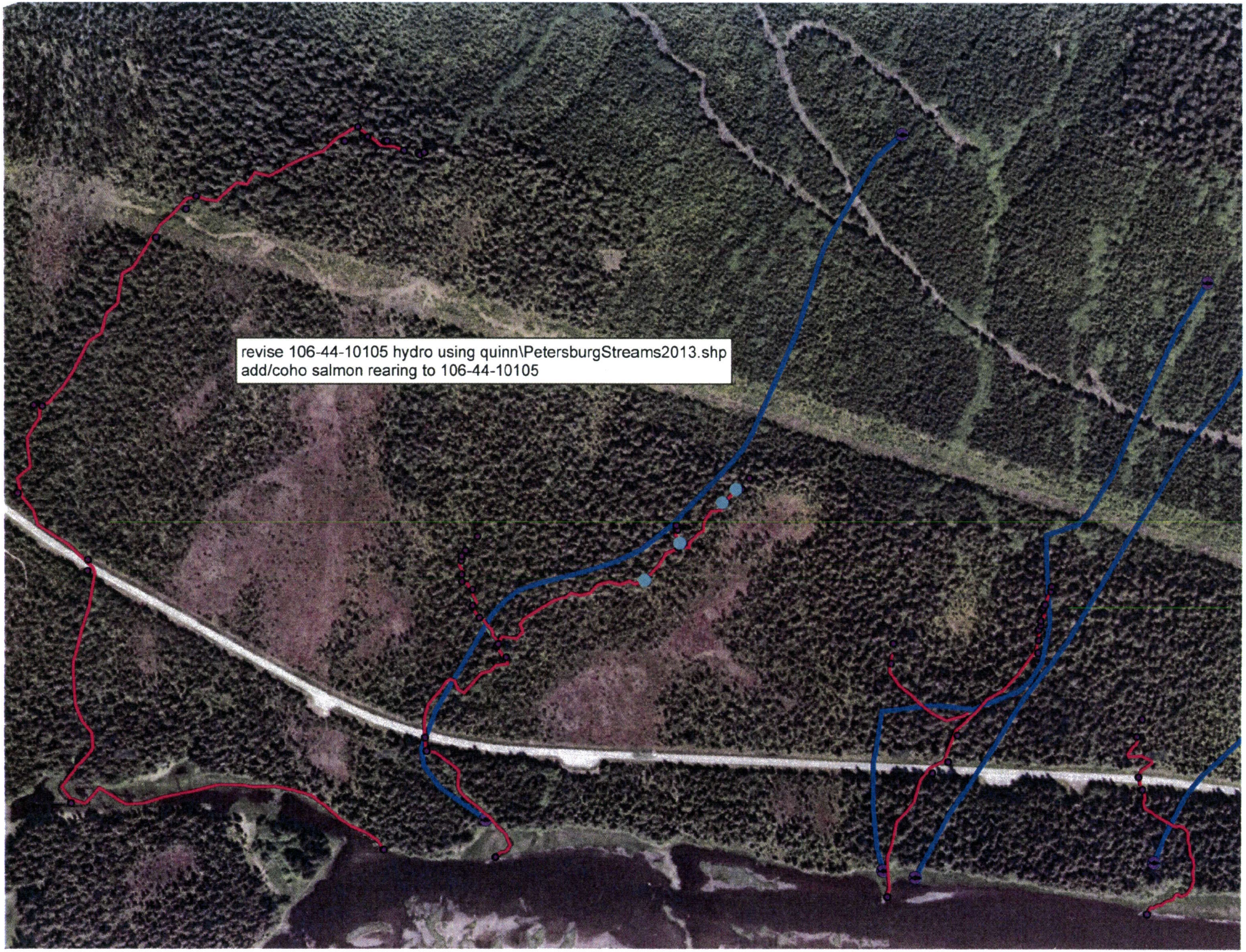
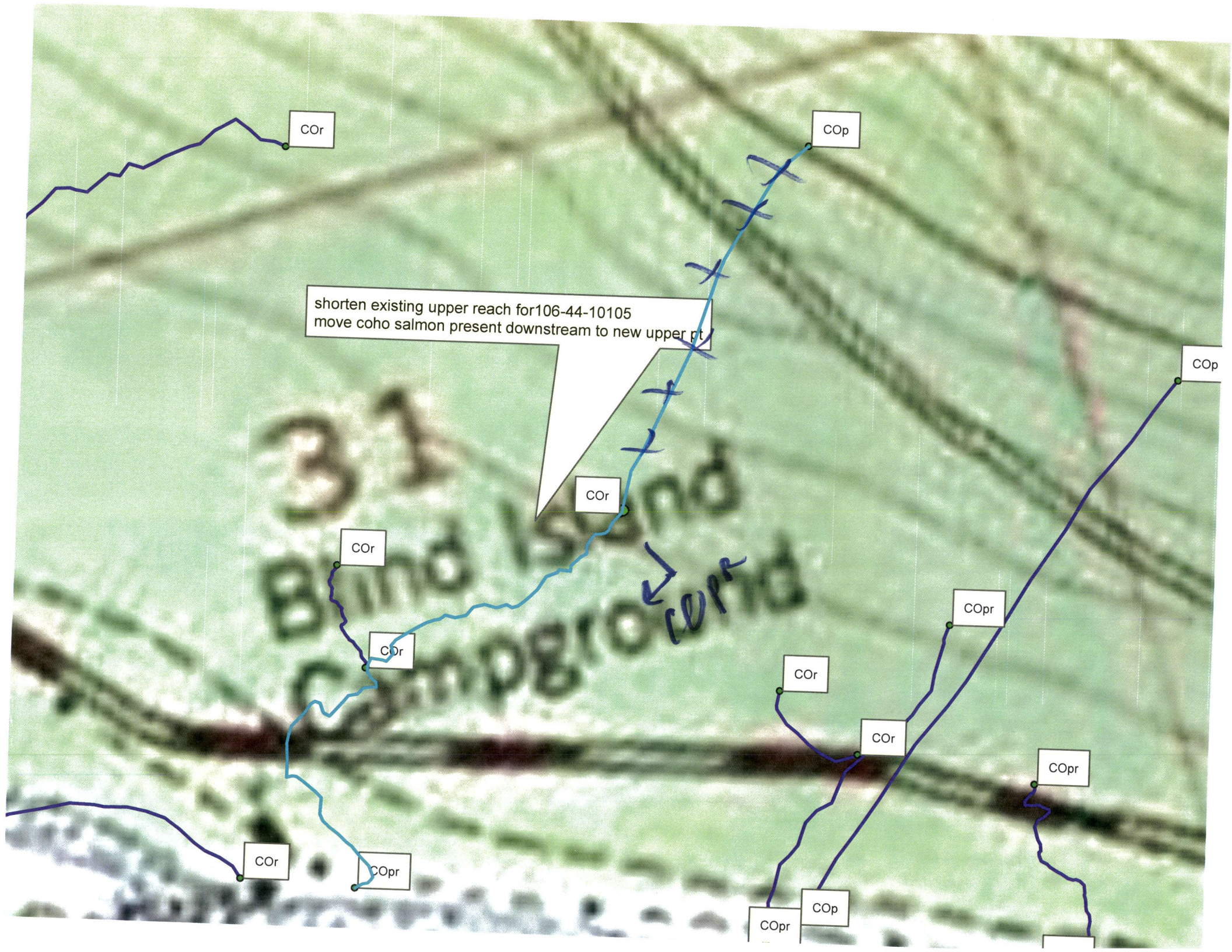


Figure 1. 106-44-10105 Route Correction Map


revise 106-44-10105 hydro using quinn\PetersburgStreams2013.shp
add/coho salmon rearing to 106-44-10105


COr
COp
shorten existing upper reach for106-44-10105
move coho salmon present downstream to new upper pt
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