



State of Alaska  
Department of Fish and Game  
Sportfish Division

Nomination Form  
Anadromous Waters Catalog



Region Southeastern USGS Quad(s) JUNEAU C-3, C-3SE

Anadromous Waters Catalog Number of Waterway 111-50-10070-2004 ~~13040~~

Name of Waterway Herbert River  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>15-610</u>	<u>James J. Hasbrouck</u>	<u>5/8/2015</u>
		Fisheries Scientist	Date
Revision Year:	<u>2016</u>	<u>Michelle J. St.</u>	<u>5/8/15</u>
		Habitat Operations Manager	Date
Revision to:	<input checked="" type="checkbox"/> Atlas	<u>JF</u>	<u>7 May 15</u>
	<input checked="" type="checkbox"/> Catalog	AWC Project Biologist	Date
Revision Code:	<u>A-1, <del>A-2</del> B-2</u>	<u>TR</u>	<u>9/25/15</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon <u>(50+)</u>	04/24/2015		✓		✓
Dolly Varden	04/24/2015			✓	

**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:**  
The upper extent of anadromy is incorrect for the Herbert River. I captured 53 juvenile coho salmon in a calm side channel of the main stem of the Herbert River.  
Coordinates (Lat,Long): (58.530411,-134.700273)

Extend 111-50-10070-2004 w/ coho salmon present +  
add coho salmon rearing  
add new reach 111-50-10070-2009-3040 of coho salmon rearing

Name of Observer (please print): Benjamin Brewster

Signature: 10.7.168.200 (Web Nomination) Date: 05/05/2015

Agency: \_\_\_\_\_

Address: 802 East 3rd St.  
Douglas, AK 99824

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 11/14

Name of Area Biologist (please print): \_\_\_\_\_

ref nom #  
15-611  
15-1

**111-50-10070-2004****ADDITION****Water body name:** Unnamed stream.**Survey date:** 4/24/2015**Water body number:** 111-50-10070-2004**Species & Lifestage:** CO r**Watershed:** Herbert River-Eagle River**MTR:** C038S064E **Quad:** Juneau C-3**Findings:** The upper extent of anadromy is incorrect and a lake no longer exists on Herbert River.**Recommendations:** Please extend the upper extent in the AWC (waypoint 44) and delete anadromous lake point 111-50-10070-2004-0010.

Table 1.-111-50-10070-2004 Survey Data

Waypoint	Latitude	Longitude	Notes	Sample Effort	Sample Results
35	58.5321°N	134.6915°W	Goat Creek	MT	0
36	58.5322°N	134.6913°W	Goat Creek	MT	0
37	58.5323°N	134.6909°W	Goat Creek	MT	0
38	58.8322°N	134.6905°W	Goat Creek	MT	0
39	58.5275°N	134.6906°W	Unnamed Tributary	MT	1 DV
40	58.5279°N	134.6905°W	Unammed Tributary	MT	1 DV
44	58.5304°N	134.7002°W	Calm side channel	MT	20 CO (40-70mm)
45	58.5307°N	134.7012°W	Calm side channel	MT	1 CO in hand (40mm)
46	58.5308°N	134.7014°W	Calm side channel	MT	21 CO (40-90mm), 4 DV
46	58.5308°N	134.7014°W	Calm side channel	MT	12 CO (40-100mm)
47	58.5311°N	134.7038°W	Beaver complex 2	MT	17 CO (40-80mm)
48	58.5310°N	134.7041°W	Beaver complex 2	MT	21 CO (40-80mm)
49	58.5309°N	134.7044°W	Beaver complex 2	MT	23 CO (40-85mm)
50	58.5307°N	134.7154°W	Beaver lake	MT	6 CO (40-80mm), 12 DV
51	58.5306°N	134.7149°W	Beaver lake	MT	1 CO (85mm)
52	58.5306°N	134.7146°W	Beaver lake	MT	0
52	58.5306°N	134.7146°W	Beaver lake	MT	2 CO (55-70mm), 1 DV, 1 ST
54	58.5296°N	134.6936°W	Unnamed Tributary	MT	1 DV
57	58.5309°N	134.7046°W	End of beaver complex 2		0



Figure 1. – 40mm coho salmon captured in a calm side channel of Herbert River (waypoint 44)



Figure 2. – Herbert River Lake no longer exists. It is currently a braided alluvial fan.

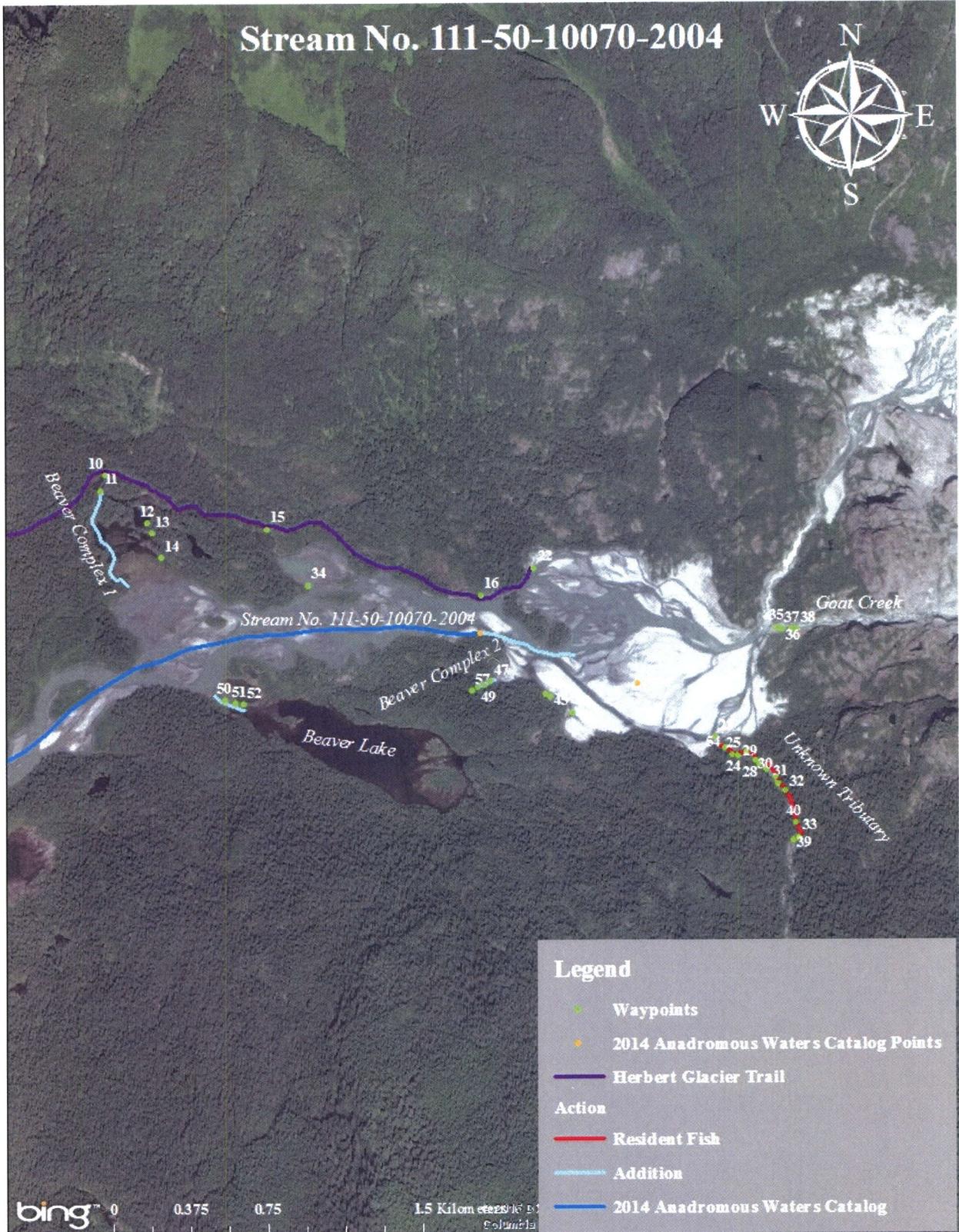


Figure 1.- 111-50-10070-2004 addition map.

State of Alaska  
 Department of Fish and Game  
 Nomination for Waters  
 Important to Anadromous Species

1984  
 Year of Revision

84-748

Name of Waterway Unnamed Stream

AWC# of Waterway 111-50-10090

AWC Volume & Number Southeast

USGS Quad Juneau C-3

Addition \_\_\_\_\_ Correction X  
 Deletion \_\_\_\_\_ Change \_\_\_\_\_

Change to X Atlas  
 \_\_\_\_\_ Catalog  
 \_\_\_\_\_ Both

Approved

<u>Richard Reed</u> Regional Supervisor	<u>10/11/84</u> Date
<u>[Signature]</u>	<u>10/31/84</u>
<u>[Signature]</u> Drafted	<u>10/84</u>

Species	Date(s) Observed	Spawning	Rearing	Migration

Comments: Provide any clarifying information, including number of fish observed, location of fish survey data, etc.

Unnamed stream is a tributary to Herbert River  
(which is a tributary to Eagle River)

Change To 2004  
1150-10080 to 111-50-10070-2004

Attach a copy of a map showing location of mouth and upper points of each species, specific stream reaches identified for spawning or rearing, locations of barriers, such as falls. Attach a copy of the fish survey data, if available.

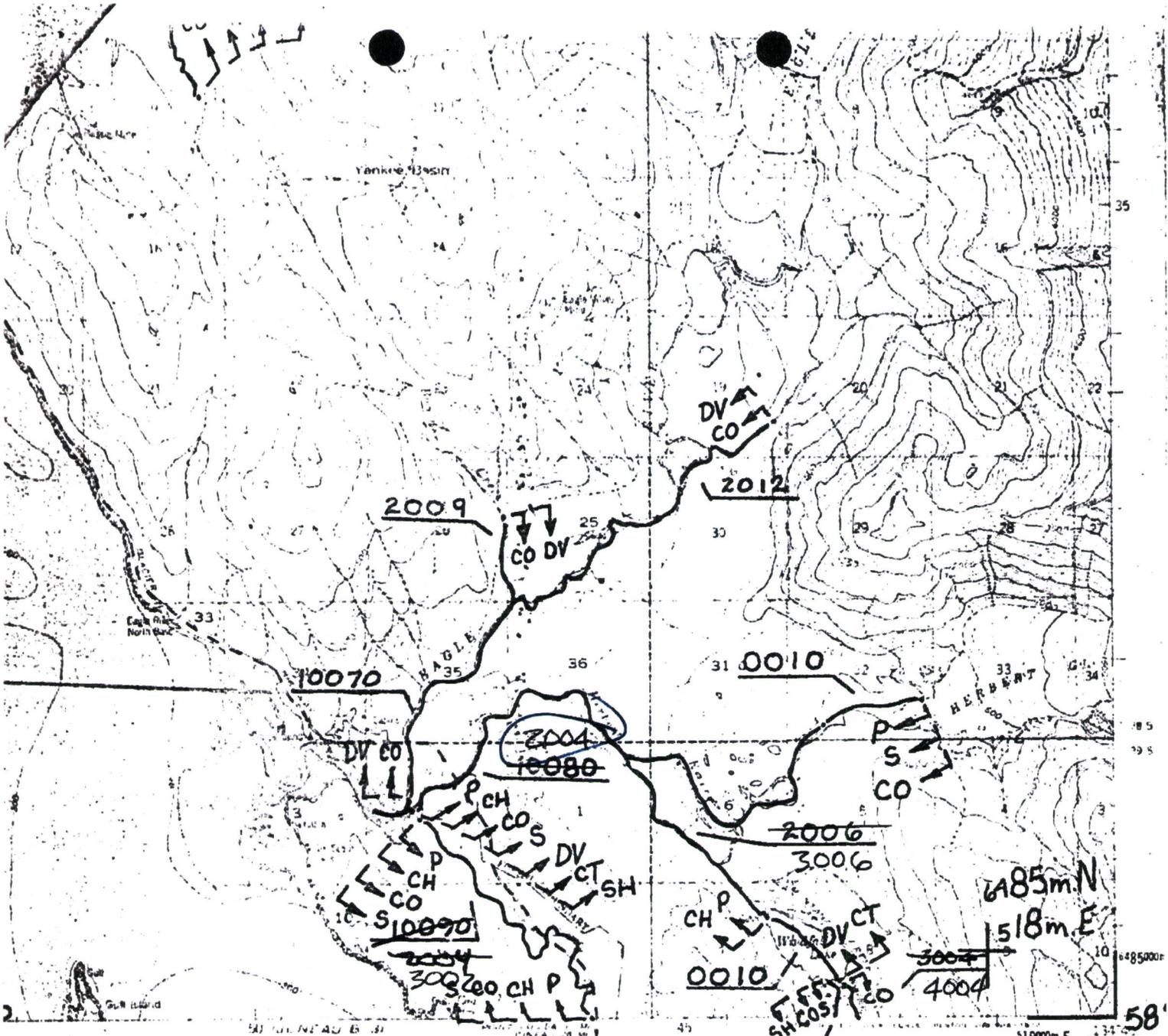
Name of Observer (please print) Janet Hall

Date: 9/28/84 Signature: Janet Hall

ALASKA DEPT. OF FISH & GAME Address: ADEG/Habitat, RI

OCT - 4 1984

HABITAT  
 REGIONAL OFFICE



TITLE: ANADROMOUS STREAM CATALOG  
 DATE: 1951  
 SCALE: 1:50,000  
 SOURCE: U.S. GEOLOGICAL SURVEY

HORIZONTAL SCALE: 1 INCH = 1 MILE  
 VERTICAL SCALE: 1 INCH = 100 FEET  
 DEPTH: 10 FEET  
 MEAN WATER LEVEL: 10 FEET  
 MEAN WATER LEVEL: 10 FEET  
 MEAN WATER LEVEL: 10 FEET  
 FOR SALE BY U.S. GEOLOGICAL SURVEY  
 WASHINGTON, D.C. 20540  
 JUNEAU (C-3) ALASKA  
 NS491 W13440 15X70  
 1951  
 MAP REVISION: 1951

**PROJ. TITLE**  
**ANADROMOUS STREAM CATALOG**  
 ANADROMOUS WATERS ARE LISTED PURSUANT TO AS 16.05.870 (a)

MAP TITLE



STATE OF ALASKA

## **Johnson, J D (DFG)**

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**From:** Brewster, Ben P (DFG)  
**Sent:** Tuesday, May 26, 2015 1:59 PM  
**To:** Johnson, J D (DFG)  
**Subject:** RE: Herbert - see attached

Yea I would like it to be part of the Herbert. The current bing imagery is slightly deceiving, the river constantly changes and shifts around up there. Thanks.

**From:** Johnson, J D (DFG)  
**Sent:** Tuesday, May 26, 2015 1:57 PM  
**To:** Brewster, Ben P (DFG)  
**Subject:** RE: Herbert - see attached

Your call

It looked to me like there was a stream heading off into the trees but if ya think it is part of Herbert, let me know and I'll make it so.....

J. Johnson  
AWC Project Biologist  
907-267-2337

**From:** Brewster, Ben P (DFG)  
**Sent:** Tuesday, May 26, 2015 1:55 PM  
**To:** Johnson, J D (DFG)  
**Subject:** RE: Herbert - see attached

One more question. Should the new stream 111-50-10070-2004-3040 just be the upper extent of the Herbert River? The water feeding the area at waypoint 44 can be traced back to the main stem, it was just a calm side channel at the time. Thanks for your time.

**From:** Johnson, J D (DFG)  
**Sent:** Tuesday, May 26, 2015 1:30 PM  
**To:** Brewster, Ben P (DFG)  
**Subject:** RE: Herbert - see attached

Ben

If you have data to extend the line into the "old lake", we can extend that line otherwise if you are happy.  
If you feel like this adequately protects the area, so be it.  
Another habitat bio thought it might get a bit sticky

J. Johnson  
AWC Project Biologist  
907-267-2337

**From:** Brewster, Ben P (DFG)  
**Sent:** Tuesday, May 26, 2015 1:26 PM  
**To:** Johnson, J D (DFG)  
**Subject:** RE: Herbert - see attached

Hello J,

Your update looks correct to me based on our trapping data. I was always under the impression Habitats authority is bank to bank regardless of how many braided channels exist? Do I need to edit 15-613 to clarify the entire lake needs to be included in the AWC? Thanks.

**From:** Johnson, J D (DFG)  
**Sent:** Tuesday, May 19, 2015 1:51 PM  
**To:** Brewster, Ben P (DFG)  
**Subject:** Herbert - see attached

Ben

Ortho image shows changes made to AWC per noms 15-610 & 15-611.

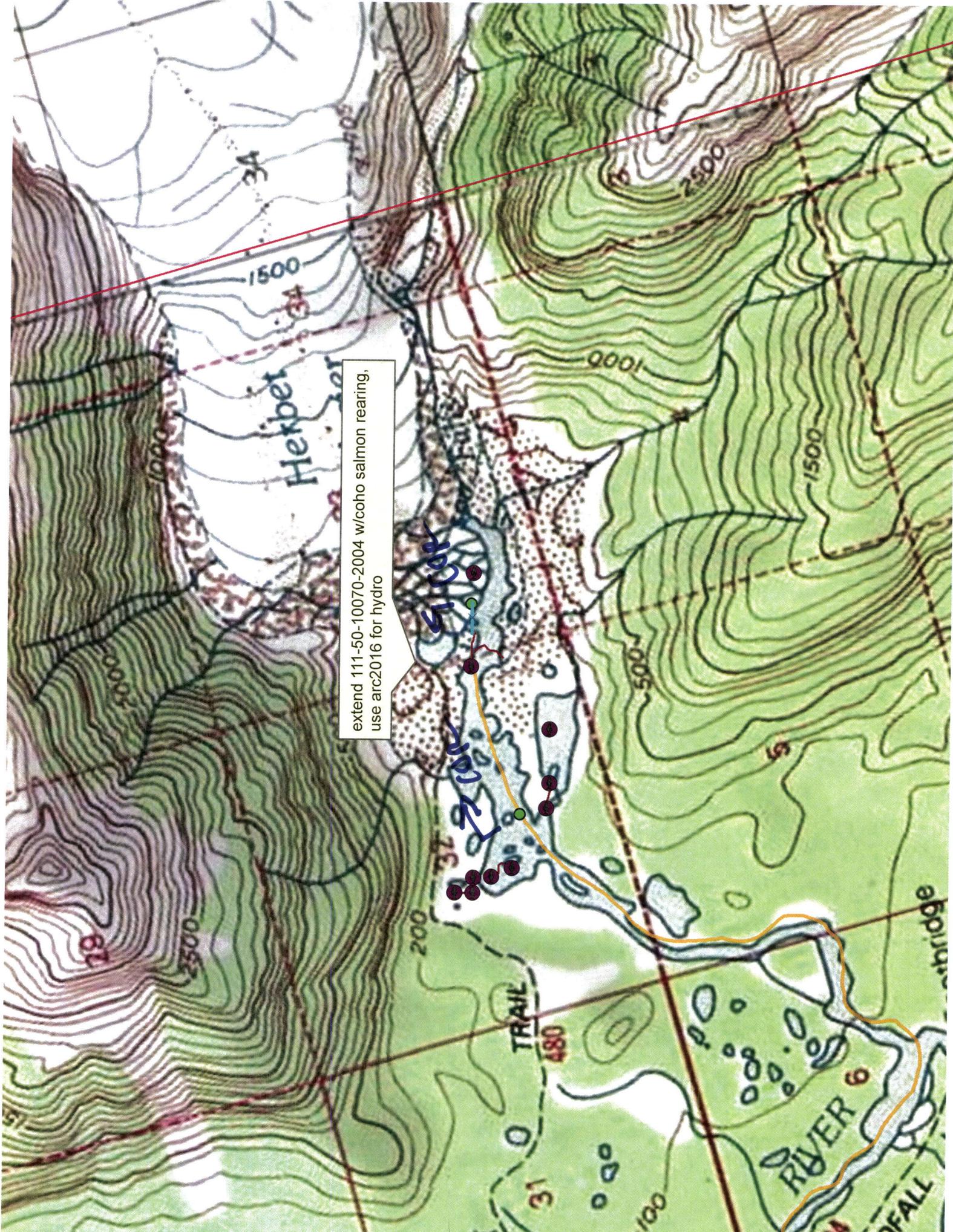
As you can see, Herbert River has been extended and a new stream added

How does that look to you?

Now we are faced w/another issue, since lake no longer exist, regulatory protection within system has been shortened, no surprise either that no nomination data exists to document fish in previously existing lake. I understand there may be jurisdictional issues w/applying protection "bank-to-bank" in braided channel areas. A polygon might be the solution but w/few data pts that would be a stretch.

I'm holding onto 15-610 & 15-611 until I hear from ya  
Thx

J



extend 111-50-10070-2004 w/coho salmon rearing,  
use arc2016 for hydro