



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

Nomination Form  
Anadromous Waters Catalog

Region Southeast USGS Quad(s) Craig C-2

Anadromous Waters Catalog Number of Waterway 102-60-10869

Name of Waterway Unnamed Southern Trib 1 to Karta River (see map) USGS Name \_\_\_\_\_ Local Name \_\_\_\_\_

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # 15-013

Revision Year: 2016

Revision to: Atlas \_\_\_\_\_ Catalog \_\_\_\_\_  
Both

Revision Code: B-1, TS-2  
C-9

James J. Hasbrouck  
Fisheries Scientist  
Date 5/8/2015

[Signature]  
Habitat Operations Manager  
Date 5/8/15

[Signature]  
AWC Project Biologist  
Date 30 Apr 15

TA  
Cartographer  
Date 5/13/15

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
<u>113</u> Pink Salmon	<u>1</u> August 30, 2014	X		X	X
Coho Salmon	August 30, 2014	X		X	X

**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:**  
See attached supplemental information.  
This application was prepared by Cathy Needham who may be reached at 907-723-4436 or cathy@kaienvironmental.com.

Add Coho Salmon Spawning and Pink Salmon Spawning / present to Creek

Name of Observer (please print) Robina Moyer

Signature: [Signature]

Agency: Kai Environmental Consulting Services, LLC

Address: 9000 Glacier Hwy, Suite 302  
Juneau, AK 99801

Date: 10/7/14

ALASKA DEPT. OF FISH & GAME

This certifies that in my best professional judgment and belief the above information is evidence that the waterbody should be included in or deleted from the Anadromous Waters Catalog.

Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_ Revision \_\_\_\_\_

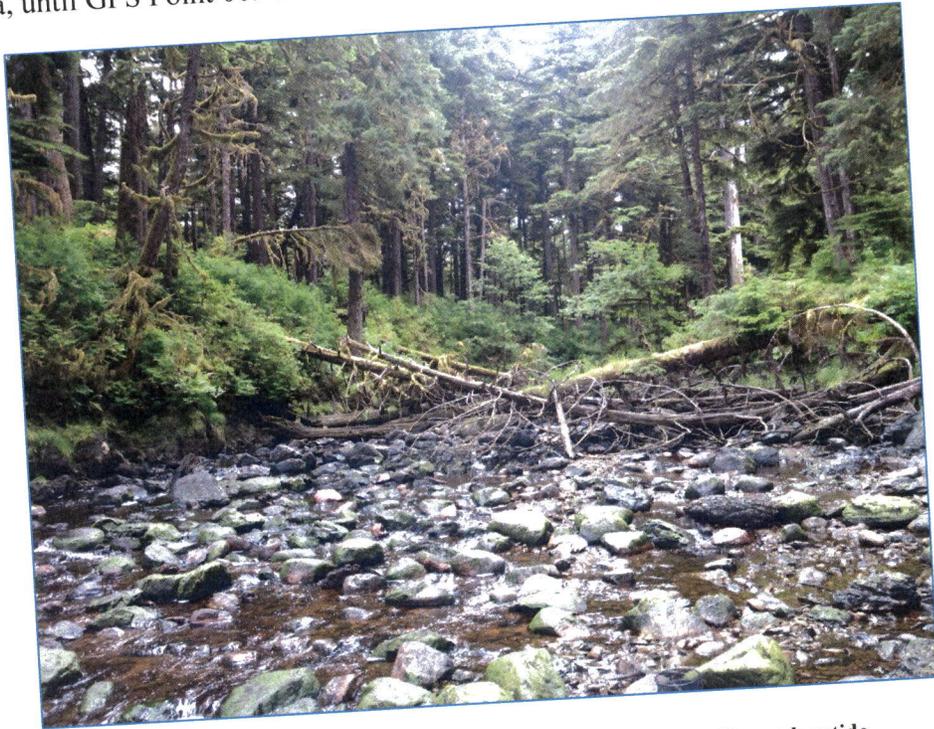
02/08

ref nom #  
15-011  
15-012

OCT 13 2014

### **Supplemental Information for Karta River – Unnamed Tributaries 1 and 1a**

On August 30, 2014 an adult foot count survey was completed in the unnamed southern tributary to the Karta River shown on the included map (AWC 102-60-10869) by a stream crew from the Organized Village of Kasaan (OVK). The crew walked upstream and counted dead and live adult salmon in and out of the water. From the mouth of the stream to GPS point 011 the crew saw 113 live adult pink salmon, 35 pink salmon carcasses and 12 live coho salmon. The crew continued to survey approximately 0.75 miles above the last adult seen and documented no additional adult salmon. There was no obvious barrier to adult fish passage in the stretch surveyed, though the crew noted minimal spawning gravels which may contribute to the lack of adult fish seen during surveys. The crew also surveyed a smaller tributary, shown on the map as Tributary 1a, until GPS Point 009 and saw no adult salmon.

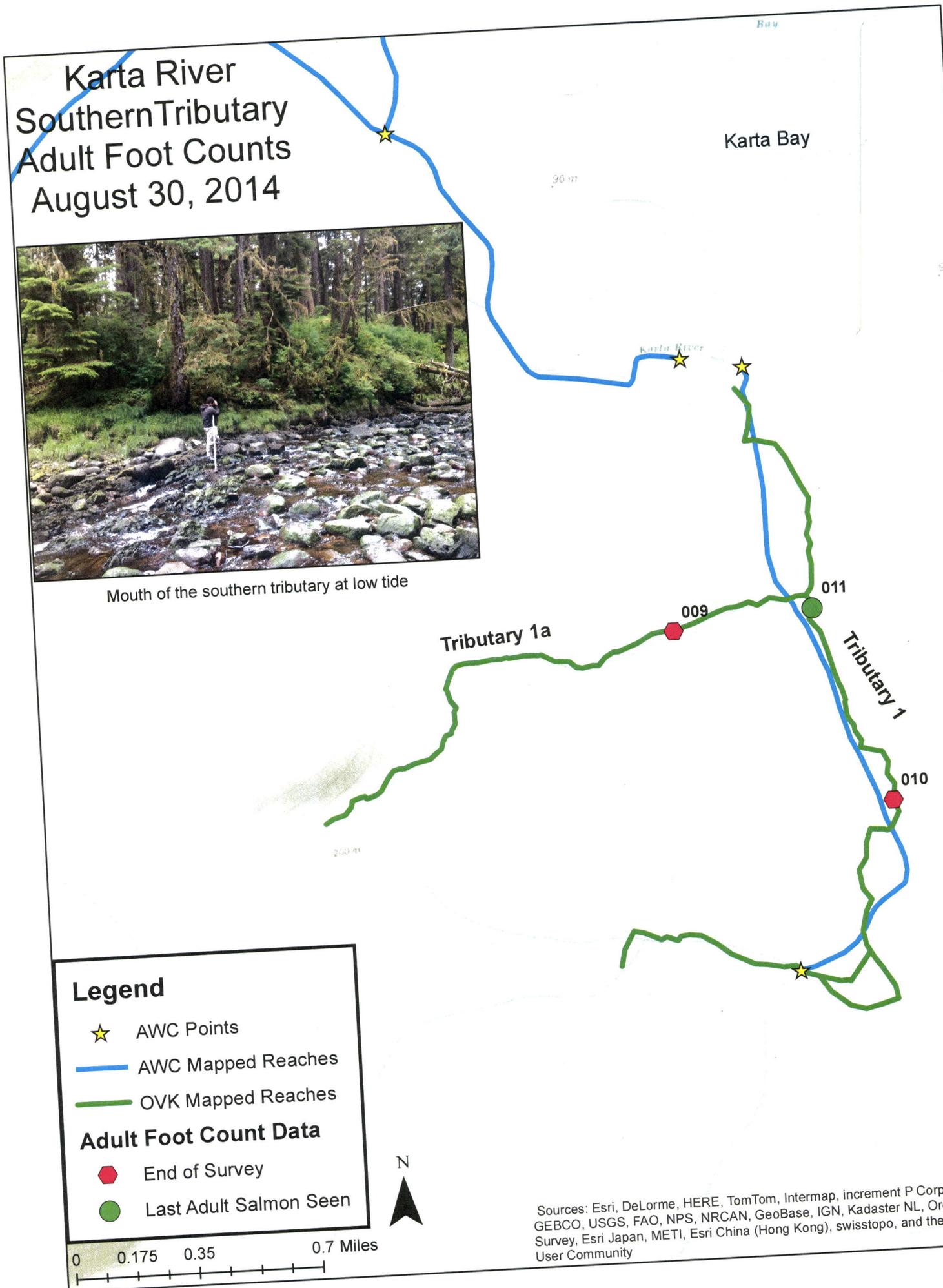


**Photo 1: Mouth of unnamed southern Tributary 1 into Karta Bay at low tide**

# Karta River Southern Tributary Adult Foot Counts August 30, 2014

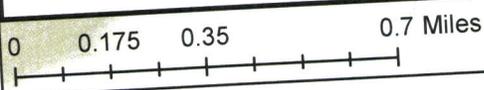


Mouth of the southern tributary at low tide



## Legend

- ★ AWC Points
  - AWC Mapped Reaches
  - OVK Mapped Reaches
- ### Adult Foot Count Data
- ⬠ End of Survey
  - Last Adult Salmon Seen



Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS User Community

### FISH ESCAPEMENT COUNTS

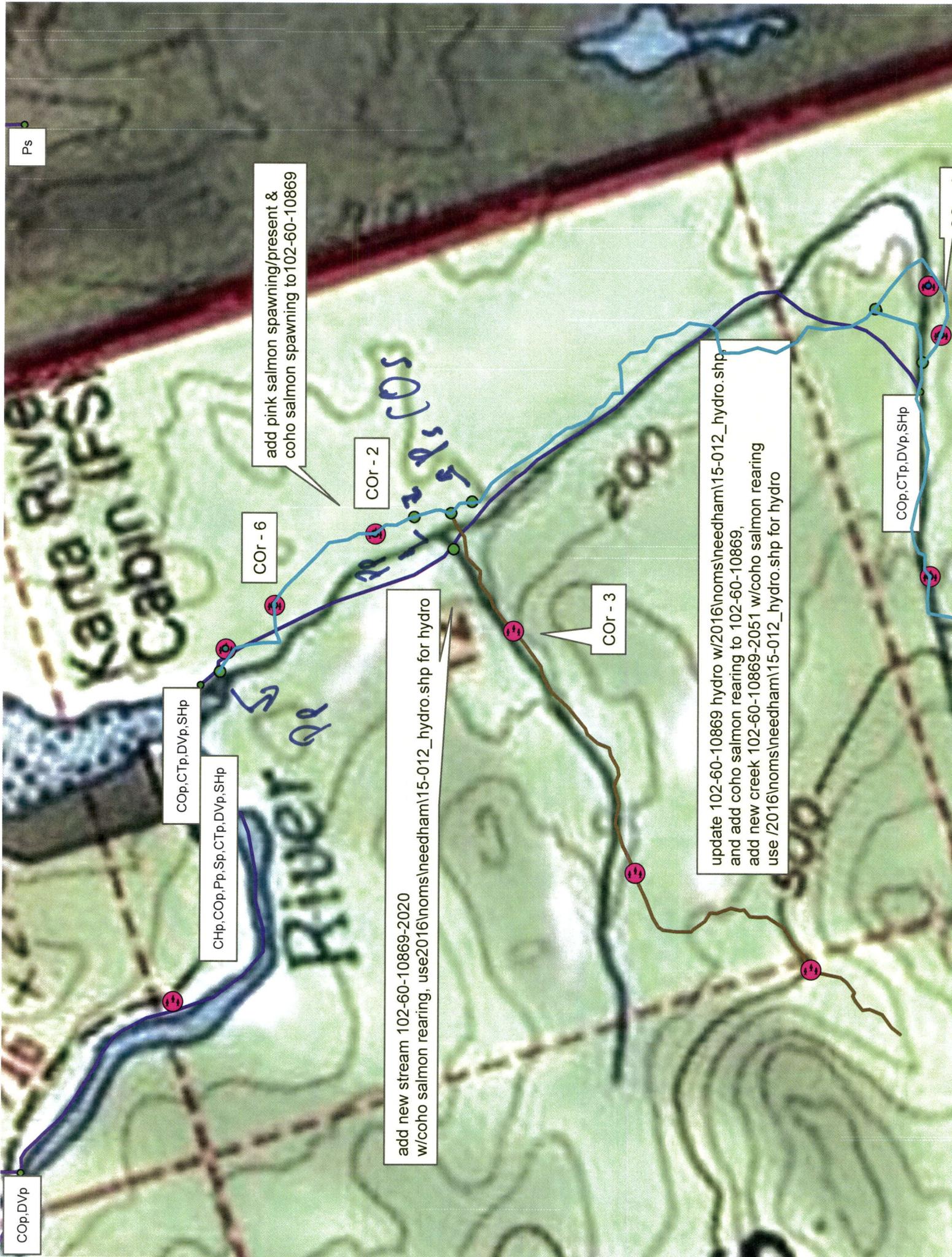
#### Organized Village of Kasaan Stream Habitat Surveys

Fish Habitat permit: SF2014-130 (various stream)

<b>Date of Survey</b>	<b>Watershed</b>	<b>Stream/Tributary</b>	<b>Survey Start GPS</b>	<b>Survey End GPS Point</b>
8/30/2014	Karta	Trib 1		09, 010

Index Area	Pink Salmon		Chum Salmon		Coho Salmon		Sockeye Salmon		Other	
	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass
Mount										
Intertidal	30		10		7					
In Stream	83		8		5					
Riparian			17							
<b>TOTAL NUMBERS</b>	<b>113</b>		<b>35</b>		<b>12</b>					
Upper GPS Point	11		11		11					

Observers	Wind	Weather	Water	Visibility	Bottom	Additional Comments
Josh Peele, Jeff Bell, Si Fawcett, Robina Moyer	light	steady rain	mid-level	clear	gravel	



Ps

COp.DVp

COp.CTp.DVp.SHp

CHp.COOp.Pp.Sp.CTp.DVp.SHp

COr-6

COr-2

COr-3

COp.CTp.DVp.SHp

add pink salmon spawning/present & coho salmon spawning to 102-60-10869

add new stream 102-60-10869-2020 w/coho salmon rearing. use 2016\noms\nneedham\15-012\_hydro.shp for hydro

update 102-60-10869 hydro w/2016\noms\nneedham\15-012\_hydro.shp and add coho salmon rearing to 102-60-10869, add new creek 102-60-10869-2051 w/coho salmon rearing use /2016\noms\nneedham\15-012\_hydro.shp for hydro

Karta River Cabin (FS)

River

COs