



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 102-60-10930  
 Name of Waterway Paul Young Creek  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # 15-007 James J. Harbouch 5/8/2015  
 Revision Year: 2016 Fisheries Scientist Date  
 Revision to: Atlas \_\_\_\_\_ Catalog \_\_\_\_\_ 5/8/15 Date  
 Both  4/11/15 Date  
 Revision Code: B-2 JA AWC Project Biologist Date  
 Cartographer 5/13/15 Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Pink Salmon	August 27-28, 2014	X		X	X
Coho Salmon	August 27-28, 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.

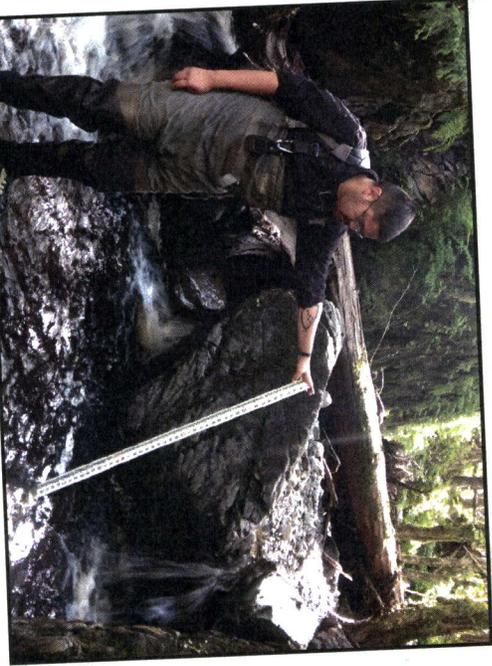
**Comments:**  
 See attached supplemental information.  
 This application was prepared by Cathy Needham who may be reached at 907-723-4436 or cathy@kaienvironmental.com.  
Add coho and pink salmon spawning to creek

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 this water body should be included in or deleted from the Anadromous Waters Catalog.  
 Signature of Area Biologist: \_\_\_\_\_ Date: \_\_\_\_\_ Revision  
 02/08 OCT 13 2014

**Paul Young Creek  
Adult Foot Counts  
August 27-28, 2014**



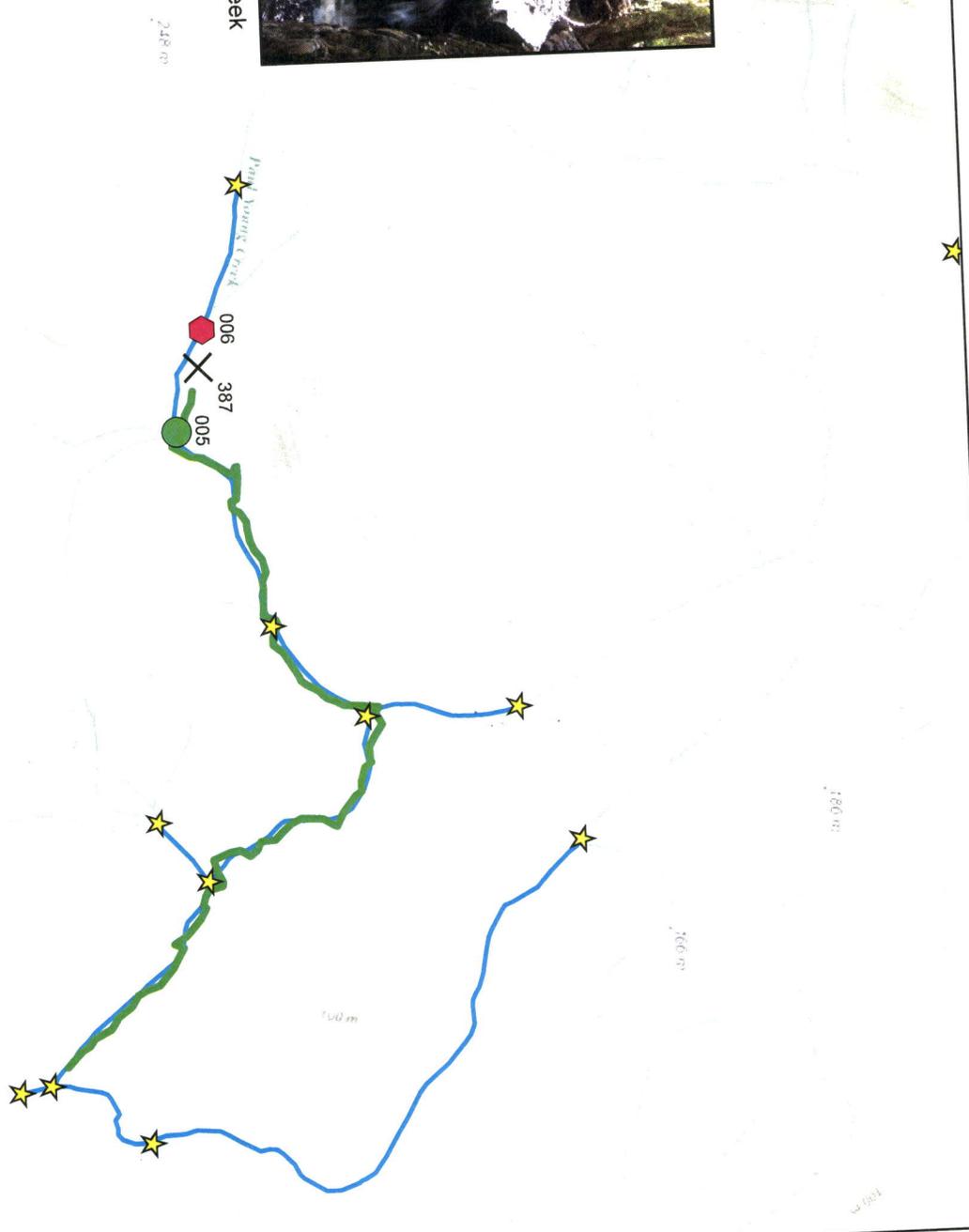
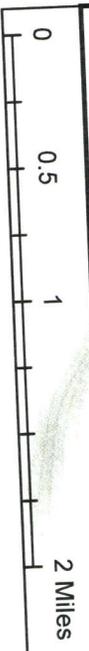
Potential barrier to fish passage on Paul Young Creek

**Legend**

- ★ AWC Points
- AWC Mapped Reaches
- Adult Foot Count Survey Area

**Adult Foot Count Data**

- Top of Survey
- Last Adult Salmon Observed
- ✕ Potential Barrier to Fish Passage



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>
8/27/2014	Paul Young	Main channel	3	4

Index Area	Pink Salmon		Chum Salmon		Coho Salmon		Sockeye Salmon		Other	
	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass
Mount										
Intertidal			10							
In Stream	427		16		33					
Riparian										
<b>TOTAL NUMBERS</b>	427		26		33					
Upper GPS Point	4		4		4					

Observers	Wind	Weather	Water	Visibility	Bottom	Additional Comments
Josh Peele, Jeff Bell, Si Fawcett, Robina Moyer	none	overcast	mid-level	clear	gravel	

## 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>
8/28/2014	Paul Young	Main channel	4	6

Index Area	Pink Salmon		Chum Salmon		Coho Salmon		Sockeye Salmon		Other	
	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass	Live	Carcass
Mount										
Intertidal										
In Stream	1357				89		7			
Riparian				55						
<b>TOTAL NUMBERS</b>	<b>1357</b>	<b>128</b>			<b>89</b>	<b>7</b>				
Upper GPS Point	5		5		5		5			
<b>Observers</b>	<b>Wind</b>	<b>Weather</b>	<b>Water</b>	<b>Visibility</b>	<b>Bottom</b>	<b>Additional Comments</b>				
Jeff Bell, Si Fawcett	light	overcast, light rain	mid-level	clear	gravel and bedrock					

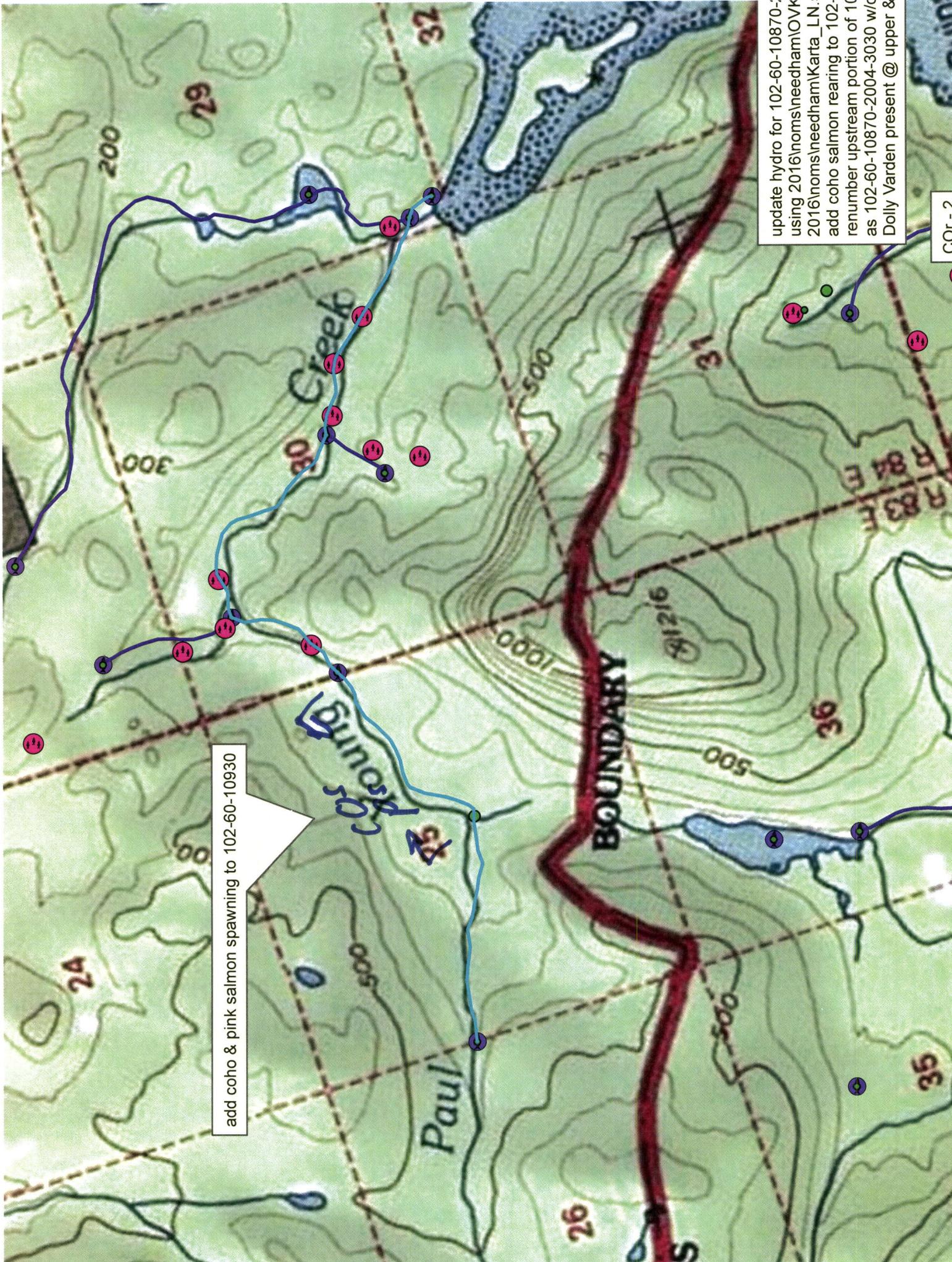
## Supplemental Information for Paul Young Creek

On August 27-28, 2014 adult salmon foot count surveys were completed on Paul Young Creek by a crew from the Organized Village of Kasaan. During these surveys the crew walked upstream and counted dead and alive adult salmon in and out of the water. On the main channel of Paul Young Creek 1,784 live adult pink, 157 pink salmon carcasses, 122 live coho salmon and seven coho carcasses were seen from the mouth of the stream to GPS point 005 (see map for details). During earlier habitat mapping which took place in July the crew was unable to get past GPS location 387, approximately 415 meters upstream from GPS 005, due to a mid-sized rock cascade and a 2.0 meter deep pool surrounded by steep banks. In August the crew was able to get above this barrier, but encountered another barrier approximately 250 meters further upstream at GPS point 006. No minnow trapping was done above these barriers in July because the crew could not get above the cascade at GPS point 387. Although the crew was able to get above GPS point 387 in August they did not have trapping equipment with them. Given the size of the barriers (see attached photos) and the lack of adult salmon, it is believed that they are a potential barrier to fish passage for both adults and juveniles.

The last observation of adult pink and coho salmon was approximately 1.00 miles above the currently mapped point in the AWC.



Photo 1: Rock cascade at GPS point 387



add coho & pink salmon spawning to 102-60-10930

update hydro for 102-60-10870-;  
using 2016\noms\needham\OVK  
2016\noms\needham\Karta\_LN;  
add coho salmon rearing to 102-  
renumber upstream portion of 102-  
as 102-60-10870-2004-3030 w/c  
Dolly Varden present @ upper &

CO. 2