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Region Southcentral USGS Quad(s) Seward D-6 *NW*

Anadromous Waters Catalog Number of Waterway 247-60-10250-2018-3,32

Name of Waterway Tributary Moose Meadow Creek  USGS Name  Local Name

Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>130148</u>	<u>[Signature]</u>	<u>8/27/13</u>
Revision Year:	<u>2014</u>	Fisheries Scientist	Date
Revision to:	Atlas _____ Catalog _____	<u>[Signature]</u>	<u>8/27/13</u>
	Both <u>X</u>	Habitat Operations Manager	Date
Revision Code:	<u>A-26, C-9</u>	<u>[Signature]</u>	<u>8/20/13</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>9/12/13</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Juvenile Coho (2)	8/12/2013		X		<input checked="" type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>
					<input type="checkbox"/>

**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 the attached August 12, 2013 Trip Report and Figures 1 and 2.

*Add new stream w/ coho salmon rearing  
Reuse hydro for 247-60-10250-2018 as needed*

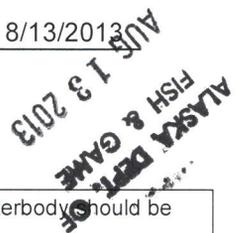
Name of Observer (please print): Will Frost, Habitat Biologist

Signature: [Signature]

Agency: ADF&G, Division of Habitat

Address: 333 Raspberry Road  
Anchorage, AK 99518

Date: 8/13/2013



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 05/08

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

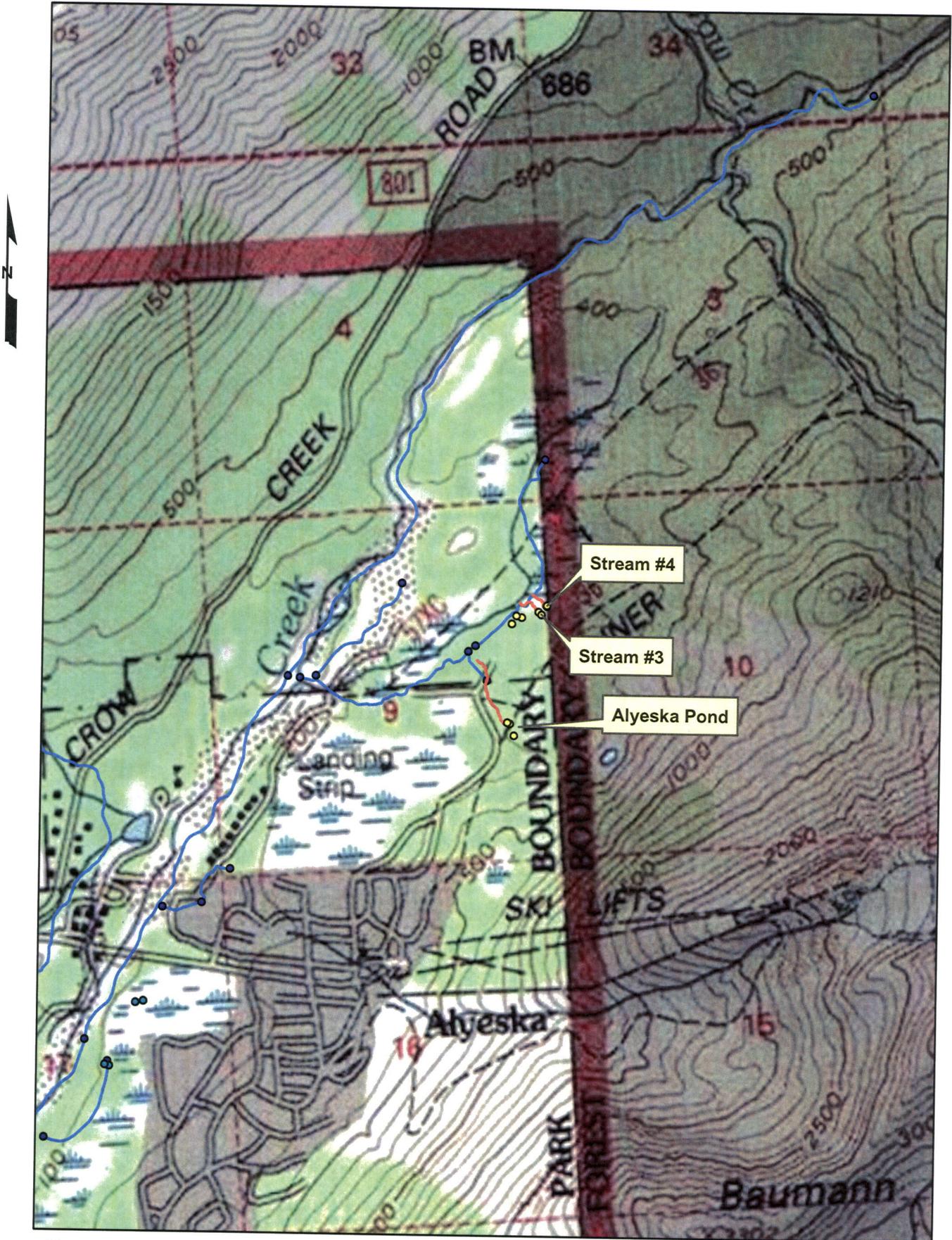


Figure 1



ADF&G



Figure 2

0 0.020.04 0.08 0.12 0.16 Miles

ADF&G

# MEMORANDUM

State of Alaska

Department of Fish and Game  
Division of Habitat

TO: Michael Daigneault  
Central Region  
Regional Supervisor

DATE: August 13, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*  
Habitat Biologist

SUBJECT: Arlberg Road, Girdwood  
August 2013

On August 12, 2013, I joined Jacob Cunha and Jesse Coleman, Alaska Department of Fish and Game (ADF&G) in Girdwood for the purpose of sampling waters in the area of the proposed Arlberg Road extension. We used baited minnow traps to sample the streams. The traps soaked about three hours.

DOWL HKM requested the ADF&G sample streams that flow into Moose Meadow Creek (Stream No. 247-60-10250-2018) to determine if proposed stream crossings will need to be designed for fish passage. We identified four stream crossings in the project area that may support fish (Figure 1). The weather conditions were cloudy and mild.

### Stream #1

The stream contained insufficient water to set minnow traps (Figure 2). We walked downstream below the existing log stringer bridge about 125 linear feet to Moose Meadow Creek. There is no physical barrier between Moose Meadow Creek and the proposed crossing. The proposed stream crossing will be required to be designed and installed for fish passage.

### Stream #2

One minnow trap was set about 50 linear feet below the existing log stringer bridge. No fish were captured or observed. We observed a 3-foot high barrier about 85 linear feet below the bridge (Figure 3). The barrier is about 25 linear feet above Moose Meadow Creek. The proposed stream crossing will not be required to be designed for fish passage.

### Stream #3

One minnow trap was set about 65 linear feet above the existing log stringer bridge (Figure 4). The trap captured one juvenile coho salmon. An additional 25 juvenile coho salmon were observed in the stream. The proposed stream crossing will be required to be designed and installed for fish passage. Stream #3 will be nominated to the Anadromous Waters Catalog.

Stream #4

One minnow trap was set adjacent to the existing log stringer bridge (Figure 5). The trap captured two juvenile coho salmon. The proposed stream crossing will be required to be designed and installed for fish passage. Stream #4 will be nominated to the Anadromous Waters Catalog.

An additional minnow trap was set in Alyeska Pond. Alyeska Pond is located above the specified reach of Stream No. 247-60-10250-2018-3112. The trap captured one juvenile coho salmon and 5 Dolly Varden. An additional three juvenile coho salmon were observed in the pond. Alyeska Pond will be nominated to the Anadromous Waters Catalog.

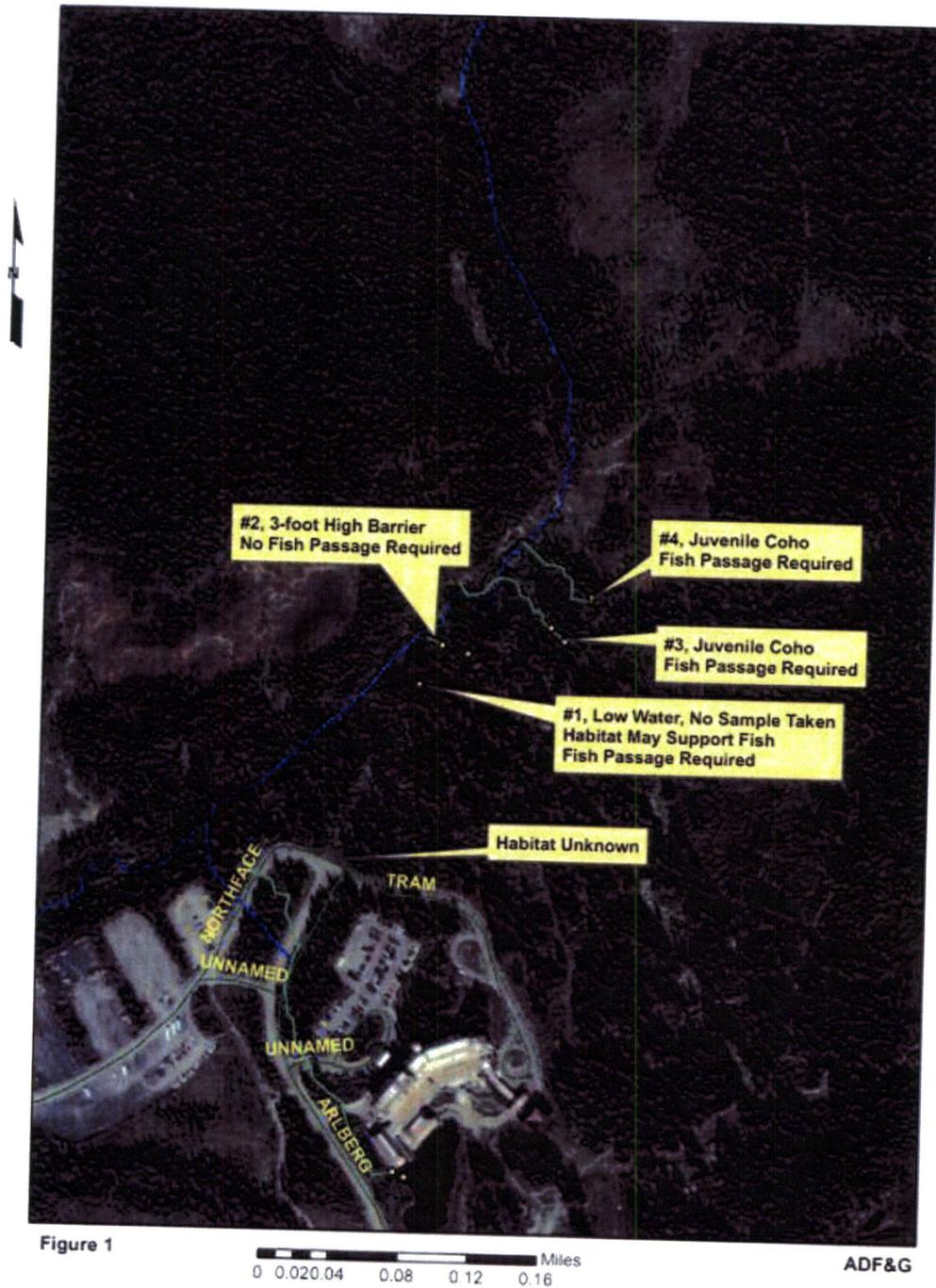


Figure 1

0 0.020.04 0.08 0.12 0.16 Miles

ADF&G



Figure 1. Stream #1. View looking upstream.



Figure 2. Barrier in Stream #2. View looking upstream.

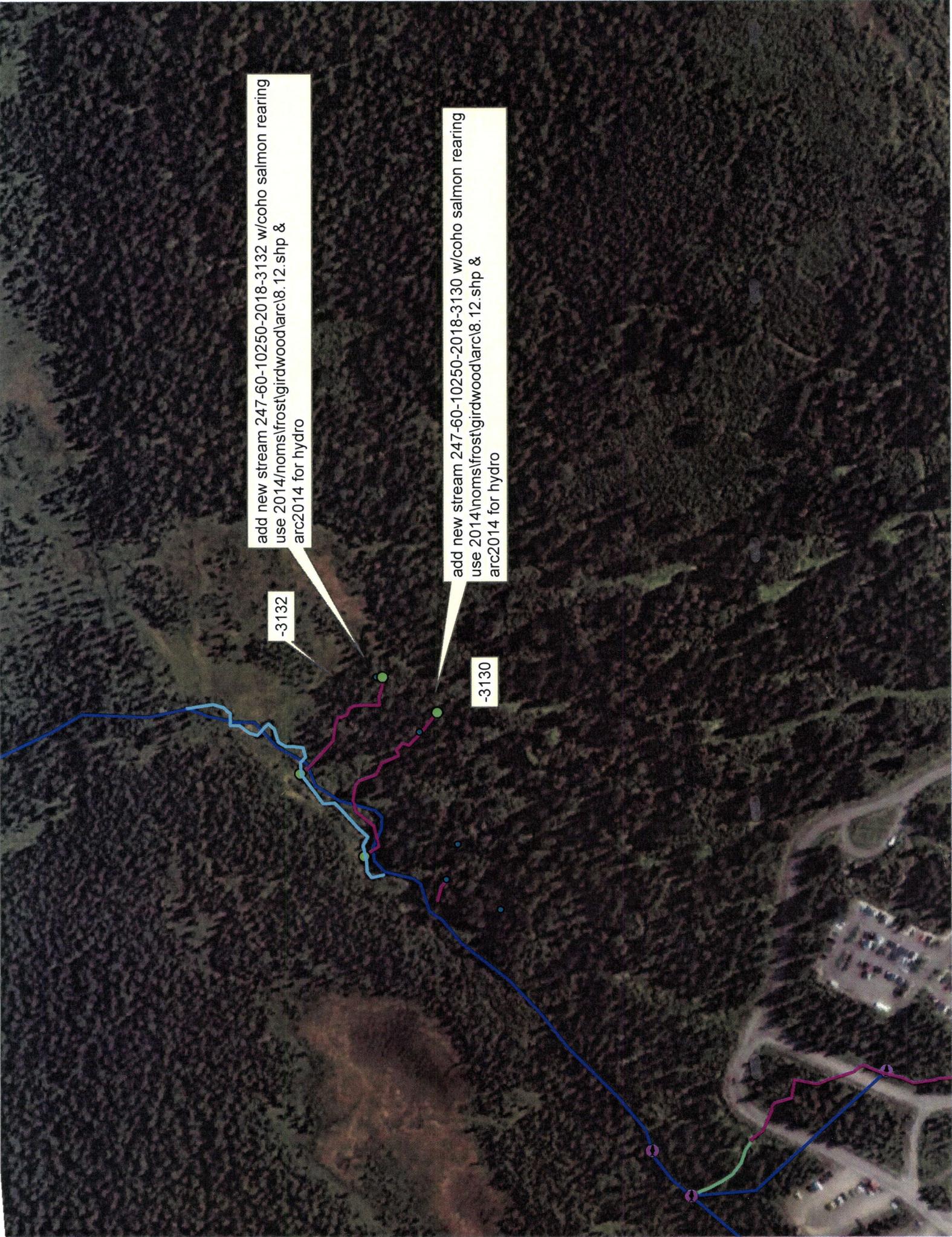


Figure 3. Jacob Cunha, Habitat Biologist setting a minnow trap in Stream #3.



Figure 4. Stream #4. View looking upstream.

cc: D. Bosch, ADF&G  
A. Ott, ADF&G  
K. Valentine, DOWL  
E. Creely, DOWL  
S. McCoy, COE



add new stream 247-60-10250-2018-3132 w/coho salmon rearing  
use 2014\noms\frost\girdwood\arc\8.12.shp &  
arc2014 for hydro

-3132

add new stream 247-60-10250-2018-3130 w/coho salmon rearing  
use 2014\noms\frost\girdwood\arc\8.12.shp &  
arc2014 for hydro

-3130