



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

Nomination Form  
Anadromous Waters Catalog



Region Southwest USGS Quad(s) Afognak B-2  
 Anadromous Waters Catalog Number of Waterway 251-82-10045-2030 - 3005  
 Name of Waterway unnamed  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination # <u>10-716</u>		<u>7/14/10</u> Date
Revision Year: <u>2011</u>		<u>7/14/10</u> Date
Revision to: Atlas _____ Catalog _____ Both <u>✓</u>		<u>14 July 10</u> Date
Revision Code: <u>A-2, C-9</u>		<u>9/8/10</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon	6/22/2010		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:**

During a Forest Practices inspection I used an electro-shocker to sample an unnamed tributary to Otter Creek. The unnamed stream is an undocumented tributary of Waterbody No. 251-82-10045-2030. The stream is about 5 feet wide. I used an electro-shocker to sample about 1,200 feet of the stream (Figures 1 and 2). I captured and observed about 200 juvenile coho salmon about 40-60 mm long (July 9, 2010 trip report, attached).

*Add new stream w/ coho salmonlemetry, revise hydrography for*

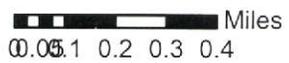
Name of Observer (please print): Will Frost, Habitat Biologist 251-82-10045-2003  
 Signature: Date: 7/13/2010  
 Agency: ADF&G, Division of Habitat  
 Address: 333 Raspberry Road  
Anchorage, AK 99518

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 2



ADF&G

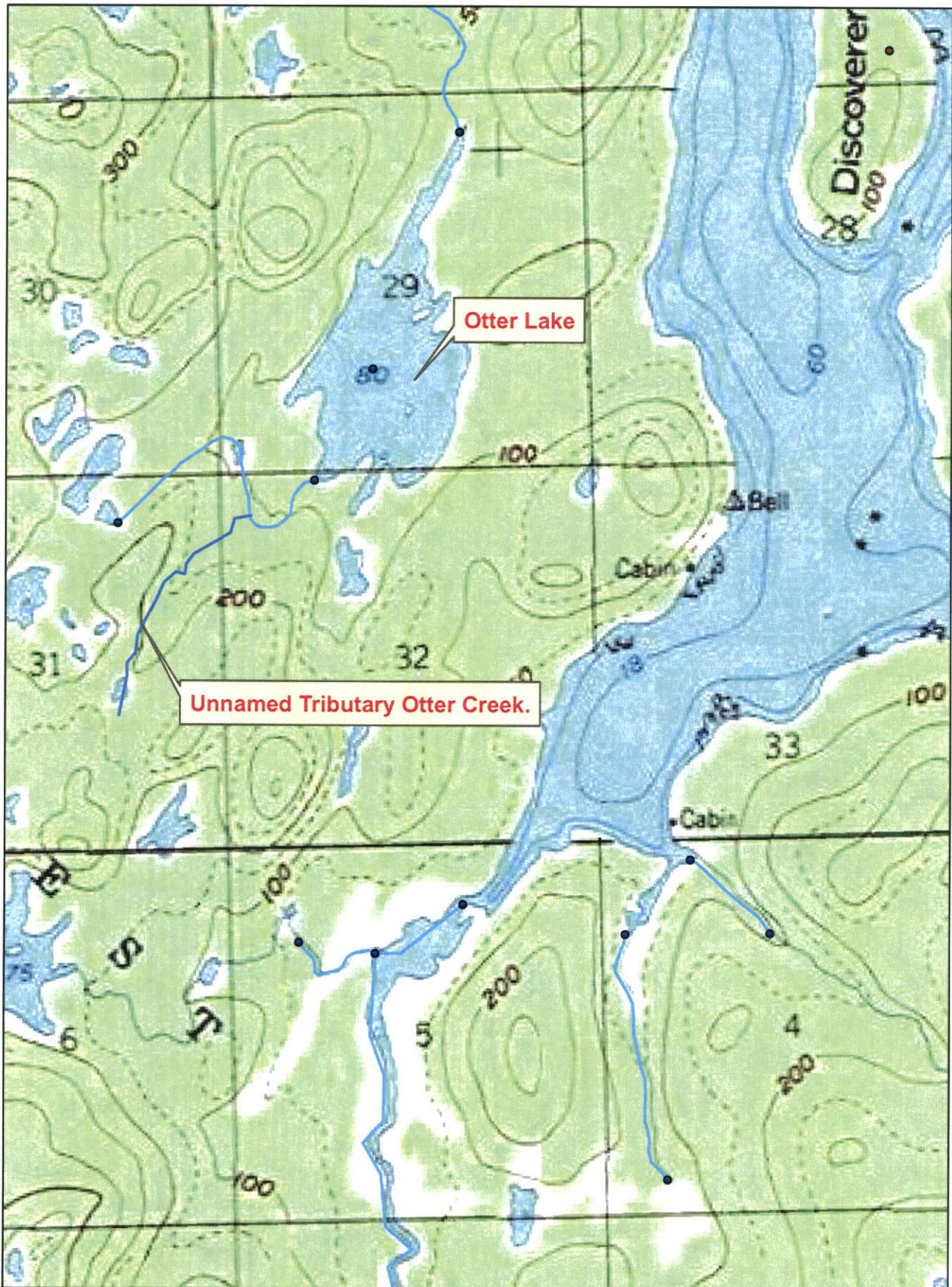
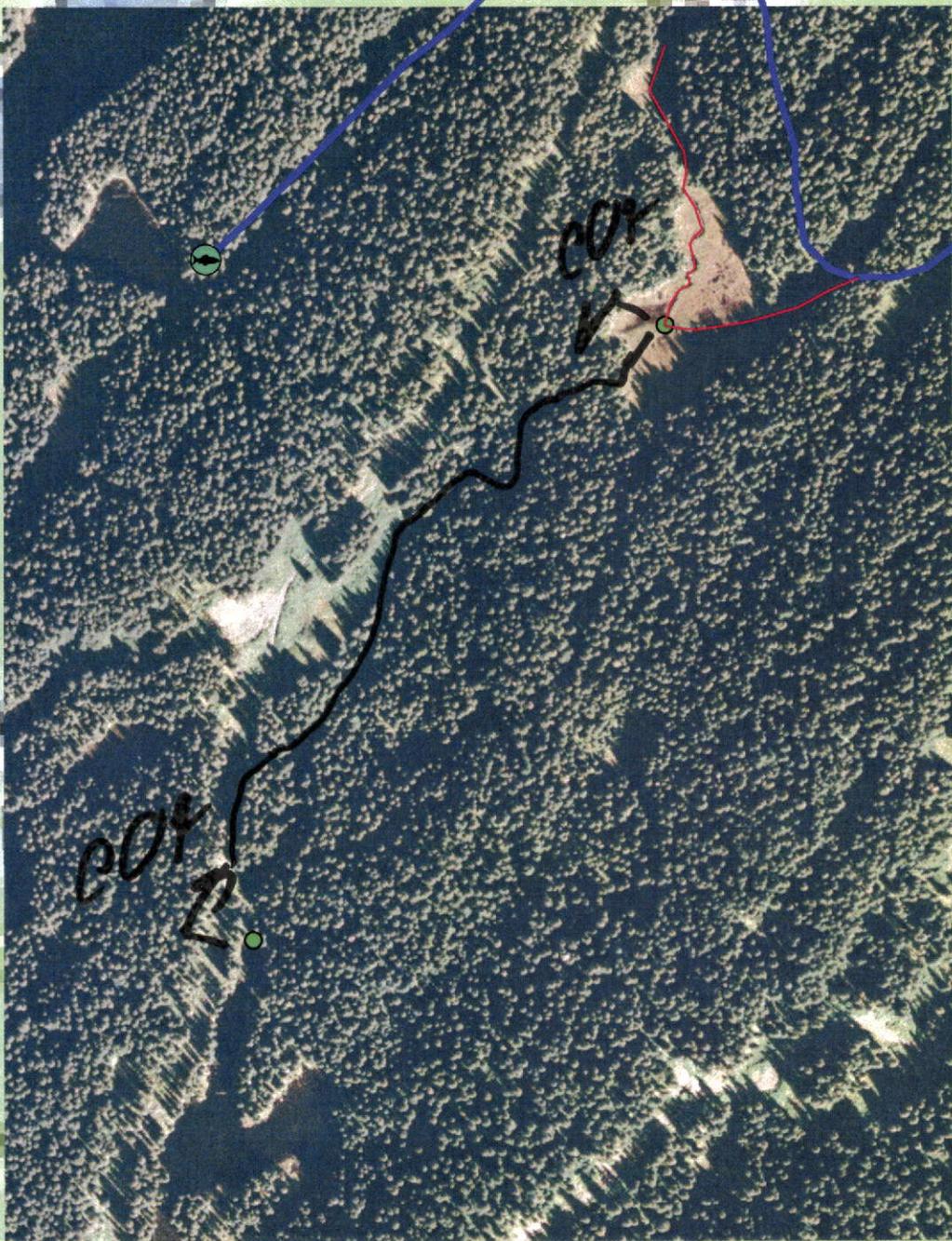


Figure 1



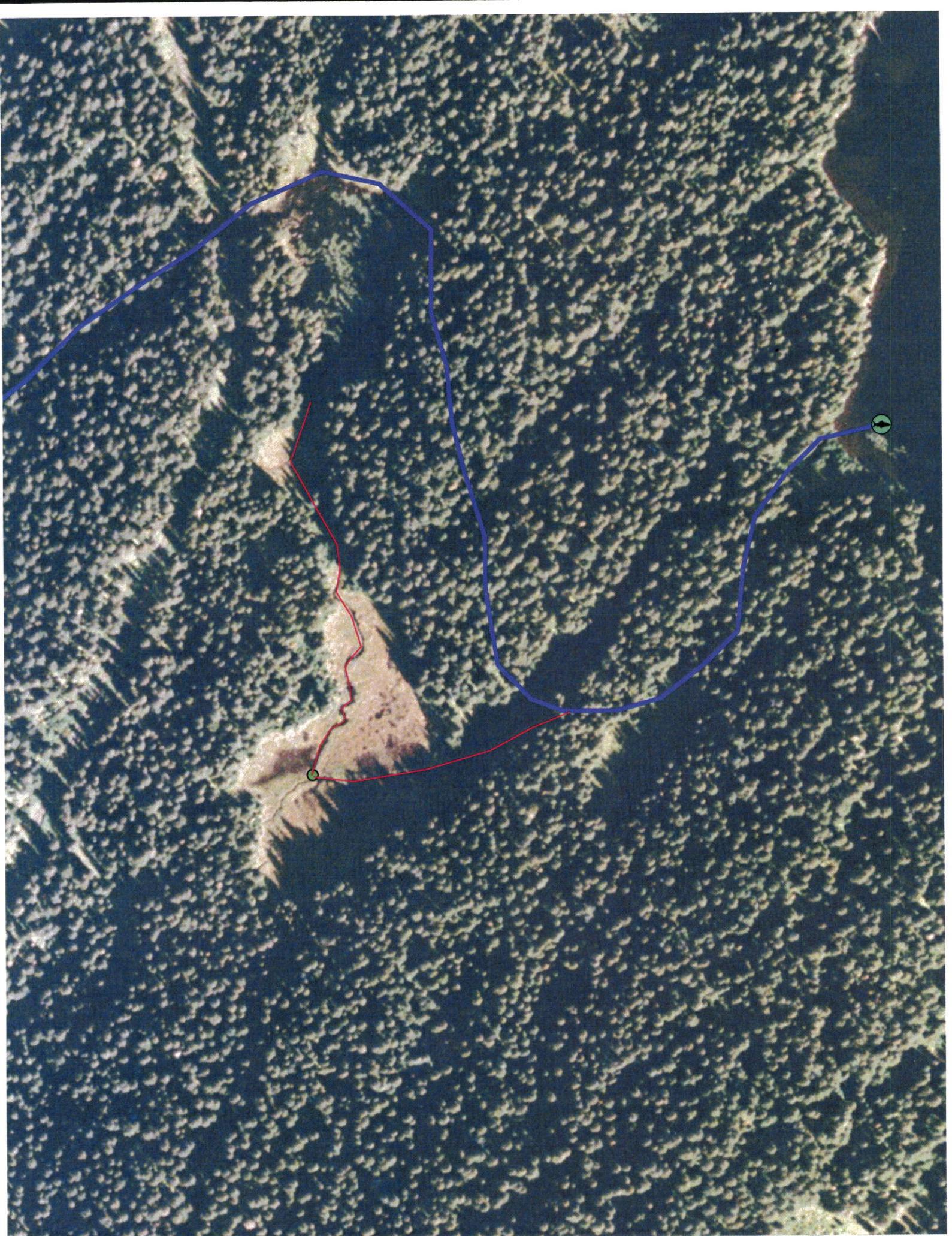
ADF&G

Revise hydrograph for  
251-8210045-2030



NO  
TRACKS

Add new station  
251-8210045-20303005  
w/ calibration  
Report



# STATE OF ALASKA

*SEAN PARNELL, Governor*

## DEPARTMENT OF FISH AND GAME

DIVISION OF HABITAT

333 RASPBERRY RD.  
ANCHORAGE, ALASKA 99518  
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### MEMORANDUM

TO: John Winters  
Forester  
Department of Natural Resources  
Division of Forestry

FROM: Will Frost ✓  
Habitat Biologist

DATE: July 9, 2010

SUBJECT: June 2010 FRPA Trip Report

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On June 21-23, 2010, Paul Blanche and I joined John Winters, Division of Forestry (DOF), Kevin Hanley, Department of Environmental Conservation (DEC), Will Haag, Koncor, Steve Novotny TransPac and Gerry Engel, Afognak Native Corporation (ANC) on Afognak Island to conduct a joint Division of Habitat, DOF, DEC, Koncor, TransPac and ANC inspection. We arrived on Afognak Island at 1:00 pm; the weather conditions were clear and cool.

On the afternoon of June 21, we drove to an unnamed tributary to Otter Lake (Waterbody No. 251-82-10045-0010) located in the 740 block, Unit 5.5 East. The stream width is about 1.5 feet wide. About 50 feet above the lake is a 3.4 foot high stream break. I used an electro-shocker to sample the stream, finding no fish and observed no fish. The water temperature was 9°C. I classified the stream above the break as a Type C stream and a Type A stream below the break.

I sampled an unnamed tributary to Otter Lake located in the 740 block, Unit 3.75. The stream width is about 2.5 feet wide. I used an electro-shocker to sample the stream, finding no fish and observed no fish. I classified the stream as a Type C stream.

I sampled an adjacent stream in the 740 block, Unit 3.75. The stream width is about 5 feet wide. I used an electro-shocker to sample the stream, finding and observing about 200 juvenile coho salmon about 40-60 mm long. I classified the unnamed stream a Type A stream. The stream up to the last sample point will be nominated into the Anadromous Waters Catalog.

On the morning of June 22, we we drove to Gretchen Lake (Waterbody No. 251-82-10080-0030). Along the way, we stopped at Spring Creek on the 1100 Road and met with Mr. Engel. ANC was issued a Fish Habitat Permit (FH 10-II-0076) to remove a perched culvert and install a log bridge. The culvert was removed and 38-foot long log bridge has been installed. The DOF and DEC requested that the banks be shaped to a 2:1 slope and seeded and the drainage ditches leading to the bridge should be directed into vegetation. I agreed with the recommendations and had no additional site specific concerns. During our discussion, I observed a Dolly Varden swimming upstream under the bridge. We stopped at Slough Creek on the 1100 Road. ANC was issued a Fish Habitat Permit (FH 10-II-0077) to remove a perched culvert

and install a log bridge. The culvert was removed and a 35-foot long log bridge has been installed. We had no site specific concerns with the bridge installation.

I sampled an unnamed stream in Unit 200, 2.5 mile. The unnamed stream is an undocumented reach of an unnamed tributary to Gretchen Creek (Stream No. 251-82-10080-2100). I used an electro-shocker to sample the stream. I collected up to 15 young of the year coho salmon. I located a 6-foot high bedrock controlled barrier below the 600 Road B Spur log bridge. I classified the unnamed stream a Type A stream up to the barrier and a Type C stream above the barrier. The reach up to the barrier will be nominated into the Anadromous Waters Catalog.

We drove to the 600 Road into the Seal Bay State Park to assess the condition of an existing log bridge over Gretchen Creek. This portion of the 600 Road has been closed. The log bridge has deteriorated and should be removed. The DOF will contact the Alaska State Park to discuss the removal of the bridge and any other non-functioning bridges or culverts that are located on the 600 Road. Under AS 16.05.871 and AS 16.05.841, the Division of Habitat will require the Alaska State Park to remove any culverts or bridges that may prevent fish passage.

Under 11 AAC 95.240(c), Koncor submitted a site specific variance to the DOF to harvest timber in the 210 Unit, 7.5 mile, Gretchen Lake watershed. On the afternoon of June 22, the ADF&G, DOF, DEC, and TransPac conducted a site specific variation inspection. A total of 110 standing trees were marked for harvest between the 25 foot and 66 foot riparian retention area. Of the 110 trees marked, all were approved. The decision to allow harvest of these trees was made by the DOF with concurrence by the ADF&G.

We drove to the 700 Block 10 0.4 Unit located adjacent to a Type C reach of Cascade Creek. Timber harvest activities have concluded. One log bridge over an unnamed tributary to Cascade Creek and the other bridge over Cascade Creek have been removed. We had no site specific concerns with the bridge sites.

On the morning of June 23, Mr. Engle, Mr. Blanche and I drove to the 1140 Road mile post 3.0. During the October 2009 flood, an unnamed Type C tributary to the Marka River (Stream No. 252-34-10005) aggraded, causing erosion adjacent to a log bridge over the Marka River. On May 21, 2010, ANC requested to excavate the aggraded material to re-establish the stream channel. The Division of Habitat agreed to the excavation of the material. About 100 linear feet of aggraded material has been removed from the channel. The streambanks are too steep and I requested the streambanks to be shaped to a 2:1 slope to prevent additional material from entering the stream. Mr. Engle agreed to the modification. The Division of Habitat will issue a Fish Habitat Permit for the completed work. About 650 feet above the project site is an abandoned log bridge located on an 1140 spur road leading into an old harvest unit. Alders are growing on the bridge deck. The bridge has deteriorated and I requested the bridge to be removed. Mr. Engle stated he would look into the removal of the bridge.

The Division of Habitat is currently planning on returning to Afognak for a joint inspection with DOF, DEC, ANC, Koncor, and TransPac representatives in early August 2010. The purpose will be to participate in a joint FRPA inspection and sample for the presence of fish in proposed harvest units.

cc: S. Schrof, ADF&G  
L. Van Daele, ADF&G  
A. Ott, ADF&G  
M. Daigneault, ADF&G  
K. Hanley, DEC  
M. Curran, ADOF  
S. Novotny, TransPac  
W. Haag, Koncor  
G. Engel, ANC