



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

Nomination Form  
Anadromous Waters Catalog

ME

Region Southwest USGS Quad(s) Afognak A-3  
 Anadromous Waters Catalog Number of Waterway 252-34-10005-2076  
 Name of Waterway unnamed tributary Marka Lake  USGS Name  Local Name  
 Addition  Deletion  Correction  Backup Information

For Office Use

Nomination #	<u>11-351</u>	<u>[Signature]</u> Fisheries Scientist	<u>10/14/11</u> Date
Revision Year:	<u>2012</u>	<u>[Signature]</u> Habitat Operations Manager	<u>10/14/11</u> Date
Revision to:	Atlas _____ Catalog _____ Both <u>X</u>	<u>[Signature]</u> AWC Project Biologist	<u>9/21/11</u> Date
Revision Code:	<u>C-7, C-9, E-9</u>	<u>[Signature]</u> Cartographer	<u>11-4-11</u> Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
					<input 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 September 2011 Forest Practices inspection I located a 4-foot high bedrock controlled barrier to juvenile fish (Figures 1,2 and 3). The barrier is located at Lat 58.1775, Long -152.7228. The main creek is about 25 feet wide and less than 5% slope. There is a high probability the stream above the barrier contains salmon spawning habitat and supports resident Dolly Varden.

*Redesign stream hydrography  
more upper reaches, retain species, add barrier upstream*

Name of Observer (please print): Will Frost, Habitat Biologist Date: 9/16/2011  
 Signature: [Signature]  
 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): \_\_\_\_\_

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

1992  
 Year of Revision

Anadromous Water Catalog Volume REGION III

USGS Quad AFOGNAK A-3

Name of Waterway \_\_\_\_\_

Anadromous Water Catalog Number of Waterway 252-34-  
10005-2076

ALASKA DEPT.  
 FISH & GAME

NOV 1991

REGION II  
 HABITAT DIVISION

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

Addition

Deletion \_\_\_\_\_

Correction \_\_\_\_\_

Name addition:

USGS name \_\_\_\_\_

Local name \_\_\_\_\_

For Office Use

Nomination #	<u>92</u>
<u>[Signature]</u> Regional Supervisor	<u>12/4/91</u> Date
<u>EWW</u>	<u>1/28/92</u>
<u>FI</u> Drafted	<u>1/16/92</u> Date

Species	Date(s) Observed	Spawning	Rearing	Migration
<u>COHO</u>	<u>5/31/91</u>		<u>—</u>	
<u>SOCKEYE</u>	<u>"</u>		<u>—</u>	

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

JUVENILE COHO & SOCKEYE CAPTURED W/ ELECTROFISHER  
JUVENILE RAINBOW & DOLLY VARDEN MAY BE IMMATURE  
SEA-RUN FISH.

OBSERVATIONS MADE DURING THE COURSE OF HABITAT DIVISION,  
ADF&G, FOREST PRACTICES FIELD SURVEYS.

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) MICHAEL WIEDMER

Date: 10/31/91 Signature: [Signature]

Address: HABITAT DIVISION - REGION II ADF&G  
333 RASPBERRY RD., ANCHORAGE AK 99518

Signature of Area Biologist: \_\_\_\_\_

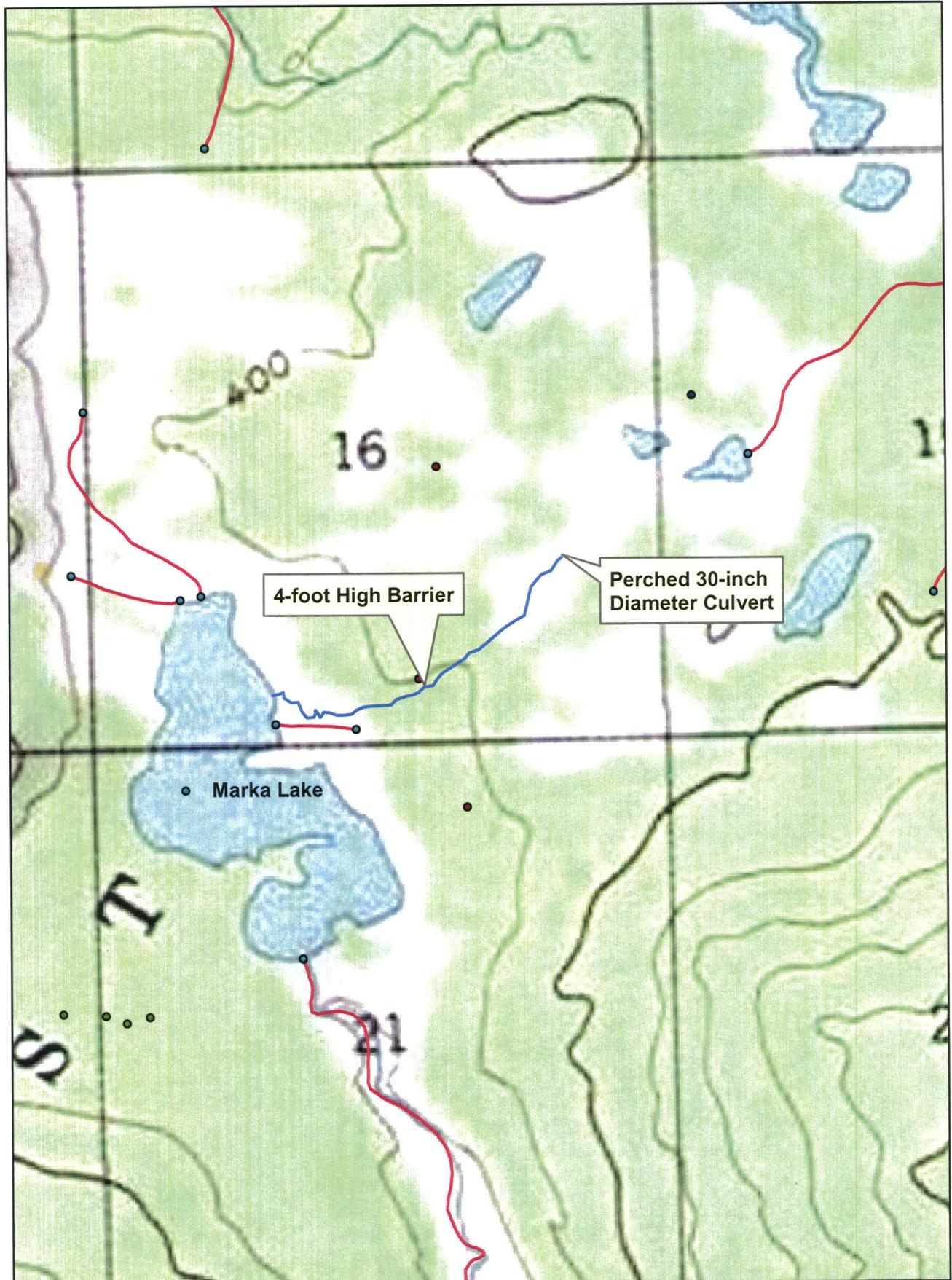
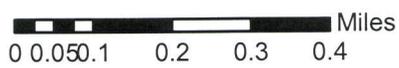


Figure 1



ADF&G

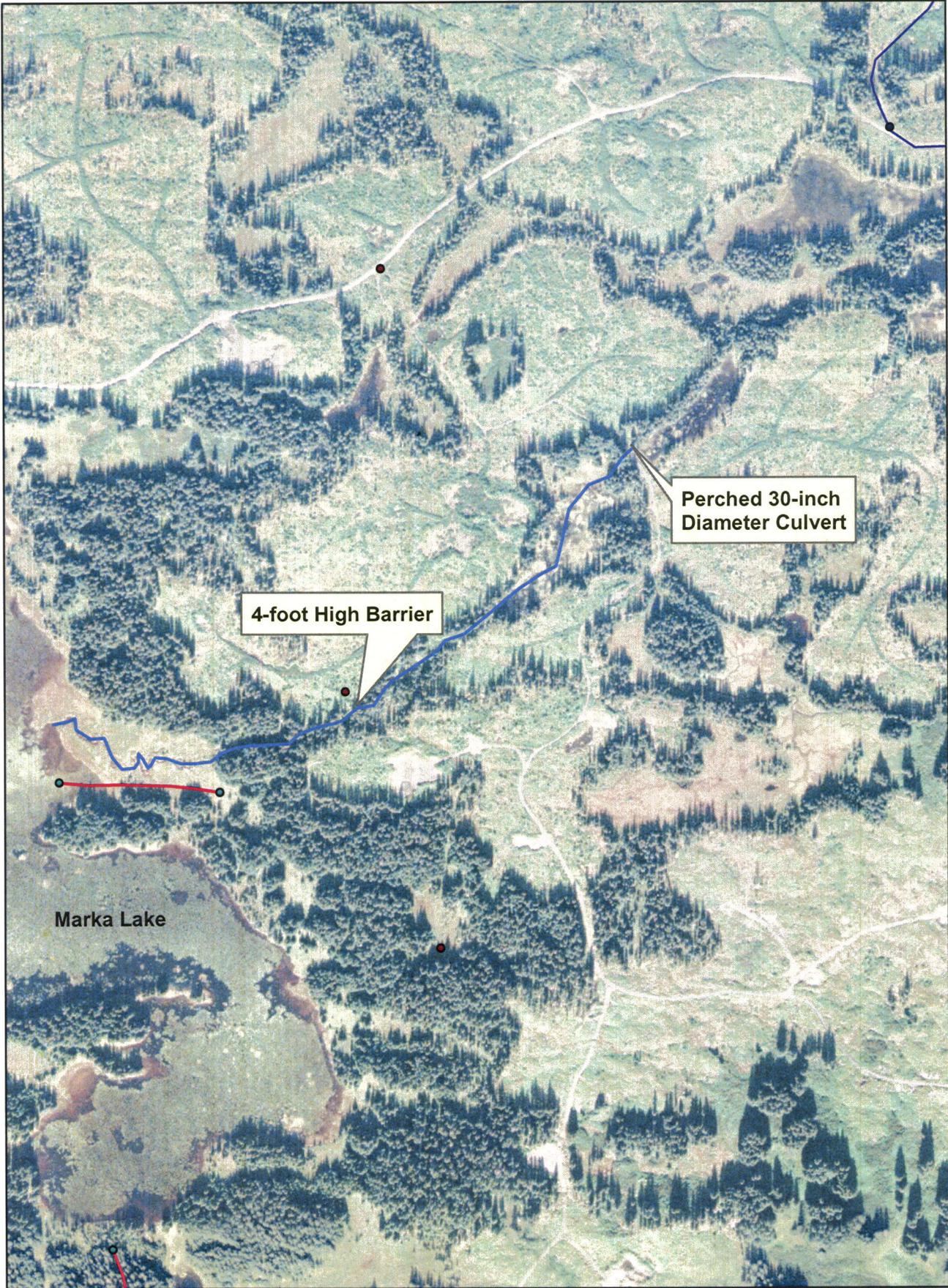
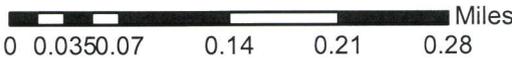


Figure 2



ADF&G





Table 1. Results of Afognak Island Fish Habitat Surveys  
May 29 to June 1 and June 29, 1991

Site #	Samp. Date	Fish Species	Comments
1	5/31/91	CO <sub>r</sub> , SB, S <sub>r</sub>	Above large beaver pond
2	5/31/91	CO <sub>r</sub> , RB, DV	Anad. up to beaver pond
3	5/31/91	DV, RB	Small stream
4	5/31/91	CO <sub>r</sub> , S <sub>r</sub> , RB, DV	Anad. to forest limit
5	5/31/91	DV	Good coho hab., poor access
6	6/1/91	CO <sub>r</sub> , DV	Coho above 3 perched culverts
7	5/31/91	DV <sub>r</sub> <sup>1</sup> , RB	Large RB, smolted DV
8	6/1/91	CO <sub>r</sub> , DV	Coho above perched culvert
9	6/1/91	CO <sub>r</sub> , P	Captured outmig. P fry
10	5/30/91	DV	Water very murky from rain
11	5/29/91	DV	Steep outlet below lake
12	5/29/91	DV	Steep reach near road
13	6/29/91	CO <sub>r</sub>	Coho hab. up to clear cut
14	6/29/91	SB	May have rearing S in lake
15	6/29/91	SB	Very small inlet stream
16	6/29/91	SB	Very small inlet stream
17	5/29/91	CO <sub>r</sub> , DV, RB	Rearing hab. up to lake
18	5/30/91	SB	Beaver dam upper limit
19	5/30/91	DV	Beaver dam upper limit
20	5/30/91	DV	Beaver dam upper limit
21	5/29/91	CO <sub>r</sub> , DV, RB	Anad. hab up to beaver dam
22	6/29/91	CO <sub>r</sub>	Good rearing habitat
23	6/29/91	DV	Very little spawning habitat
24	6/29/91	CO <sub>r</sub> , DV	Good rearing habitat
25	6/29/91	CO <sub>r</sub> , DV, Sc, SB	First lake upper limit

Site # are those depicted in Appendices A-1 to A-6 and B-1 to B-3

CO<sub>r</sub> - rearing coho salmon, S<sub>r</sub> - rearing sockeye salmon, DV<sub>r</sub> - rearing anadromous Dolly Varden, RB - rainbow trout, DV - Dolly Varden, P - pink salmon, SB - stickleback, Sc - Sculpin