



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

Nomination Form
Anadromous Waters Catalog

M *FE*

Region Southwest USGS Quad(s) Kodiak C-1
 Anadromous Waters Catalog Number of Waterway 259-25-10020- 2005-2010
 Name of Waterway Unnamed Tributary West Fork Twin Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	<u>30086</u>	<u>[Signature]</u>	<u>10/29/13</u>
		Fisheries Scientist	Date
Revision Year:	<u>2014</u>	<u>[Signature]</u>	<u>10/29/13</u>
Revision to:	Atlas _____ Catalog _____	Habitat Operations Manager	Date
	Both <u>✓</u>	<u>[Signature]</u>	<u>5/20/13</u>
		AWC Project Biologist	Date
Revision Code:	<u>A-2</u>	<u>[Signature]</u>	<u>11/13/13</u>
		Cartographer	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Coho Salmon (15)	4/26/2013		X		<input checked="" type="checkbox"/>
Dolly Varden	4/26/2013			X	<input checked="" 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 AKSSF fish sampling, I used an electrofisher and baited minnow traps to sample an unnamed tributary stream and pond to West Fork Twin Creek (Figures 1 and 2). See the April 25 - 26, 2013 Trip Report.
Revise portion of 259-25-10020 hydro
Add new stream & lake w/ coho salmon rearing
 ALASKA DEPT. OF FISH & GAME
 MAY 17 2013

Name of Observer (please print): Will Frost, Habitat Biologist
 Signature: [Signature] Date: 5/17/2013
 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 1

0 0.03 0.06 0.12 0.18 0.24 Miles

ADF&G



Figure 2

0 0.05 0.1 0.2 0.3 0.4 Miles

ADF&G

MEMORANDUM

State of Alaska

Department of Fish and Game
Division of Habitat

TO: Michael Daigneault
Central Region
Regional Supervisor

DATE: May 3, 2013

PHONE NO: 267-2813

FROM: Will Frost *WF*
Habitat Biologist

SUBJECT: AKSSF AWC Survey: Kodiak Island
April 2013

On April 25 and 26, 2013, I joined David Nesheim, A-1 Timber Consultants (A-1) and Josh Brekken, Alaska Department of Fish and Game (ADF&G) on Kodiak Island for the purpose of sampling waters in the area of proposed harvest activities to document the presence of anadromous fish. The information gathered will be used to submit official nominations for inclusion in the Anadromous Waters Catalog and its companion Atlas. Inclusion in the Anadromous Waters Catalog will conserve salmon habitat by providing the 66-foot riparian retention area protection required under the Forest Resources and Practices Act (FRPA). A water body listed in the Anadromous Waters Catalog is also afforded additional protection under State law at AS 16.05.871. The weather conditions were clear, windy, and cool.

On the morning of April 25, we drove to Sawmill Lake and set two baited minnow traps in the lake (Figure 1). The traps soaked about 24 hours. About 11 Stickleback were captured in the traps. We located a 30-inch diameter steel culvert at the lake outlet. The culvert is located under the Chiniak Highway. The culvert outlet is buried under sand on Silver Beach. No lake water was flowing through the culvert and onto the beach (Figure 2). There is currently no access for fish to enter Sawmill Lake from the ocean.

We used an electrofisher to sample two unnamed tributaries to Sawmill Lake (Figure 3). The tributaries are located in the recently harvested Unit 2012-36. No fish were captured or observed.

We drove to a first order unnamed tributary that flows into a tributary to Capelin Creek (Stream No. 259-25-10030). The tributary that flows into Capelin Creek has been nominated to the Anadromous Waters Catalog. We sampled the first order stream to determine if fish are present (Figure 4). The stream may be crossed by a spur road to access timber. We captured 1 juvenile coho salmon (47 mm FL) and 1 Dolly Varden 88 mm FL (Figure 5). The first order reach will be re-sampled in 2013, to determine if more juvenile coho salmon use the stream habitat for summer rearing.

We drove to an unnamed tributary to the West Fork Twin Creek (Stream No. 259-25-10020). We sampled from the confluence upstream to the Chiniak Highway. A 36-inch diameter culvert is located under the road (Figure 6). A 1.5 acre pond is located above the road adjacent to Unit 2012-50 (Figure 7). In the stream below the road, we captured 10 juvenile coho salmon (50-80 mm FL) and 10 Dolly Varden (40-90 mm FL).

On the morning of April 26, we set five baited minnow traps in the 1.5 acre pond. The traps soaked about four hours. The traps captured about 35 juvenile coho salmon (40-110 mm FL (Figure 8)).

We sampled an unnamed tributary to the 1.5 acre pond. We captured 15 juvenile coho salmon (50-70 mm FL) and four Dolly Varden (40-90 mm FL). The entire reach from the tributary stream, 1.5 acre pond and outlet stream, will be nominated to the Anadromous Waters Catalog.

The ADF&G is currently planning on returning to Kodiak for a sampling effort in May 2013.



Figure 1. Trap soaking in Sawmill Lake.



Figure 2. Buried culvert outlet from Sawmill Lake.



Figure 3. Sampling unnamed tributary to Sawmill Lake.



Figure 4. Sampling first order tributary stream to Capelin Creek.



Figure 5. Juvenile coho salmon captured in first order tributary stream to Capelin Creek.



Figure 6. Culvert located below 1.5 acre pond.



Figure 7. 1.5 acre pond.



Figure 8. Juvenile coho salmon captured in 1.5 acre pond.

cc: S. Schrof, ADF&G
L. Van Daele, ADF&G
D. Tracy, ADF&G
A. Ott, ADF&G
C. Curtis, ADF&G
K. Hanley, ADEC
J. Winters, DOF
B. Cassidy, KIB
B. Scholze, KIB
D. Nesheim, A-1
T. Loushin, A-1
V. Veeh, Leisnoi Inc.
D. Lukin, Leisnoi Inc.
K. Potts, Leisnoi Inc.

An aerial photograph of a forested area with a river and several lakes. Overlaid on the image are blue lines representing stream channels and a red line with green circular markers representing a specific stream segment. Orange circles are placed at various points along the stream network. A yellow text box in the upper right contains project details.

revise hydrography for lower portion of 259-25-10020
add new stream 259-25-10020-2005 &
new lake 259-25-10020-2005-0010 w/coho salmon rearing
use arc2014 for hydro, ortho - KIB