



State of Alaska
Department of Fish and Game
Sportfish Division

Nomination Form
Anadromous Waters Catalog



Region Southwestern USGS Quad(s) GOODNEWS BAY B-4
 Anadromous Waters Catalog Number of Waterway 326-00-10400-2047-3060-0010
 Name of Waterway unamed (Gechiak trib pond 140) USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination #	15-566	<u>James J Hasbrouck</u>	<u>5/8/2015</u>
Revision Year:	<u>2016</u>	Fisheries Scientist	Date
Revision to:	<input checked="" type="checkbox"/> Atlas <input checked="" type="checkbox"/> Catalog	<u>Mark Lisac</u>	<u>5/8/15</u>
Revision Code:	<u>B-1</u>	Habitat Operations Manager	Date
		<u>JL</u>	<u>4/22/15</u>
		AWC Project Biologist	Date
		<u>[Signature]</u>	<u>5 20 15</u>
		GIS Analyst	Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
Arctic char	08/27/2014			✓	
coho salmon <u>(SS)</u>	08/27/2014		✓		

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:

Flew to inlet stream on west side w/ drop off and beaver lodge. Angled w/ nothing; got ready to move and Andy saw 3 large char cruising shore. Caught all three. Wind let up enough so we moved to other shore and I paddled around w/ the Alpaca running Lowrance sonar and trolled to the far end of the lake. Lowrance and depthMate agreed on depth readings; water was low and the outlet stream was dammed by beaver only allowing a trickle down stream. lots of small fish & sticklebacks. caught a rainbow fishing the lake outlet area waiting for the chopper.
 H&L: 3 AC adults; 1 RBT
 Mtraps: 55 COR; 7 3sp-SB
 2 sockeye carcasses observed
 max depth observed 7.0m
Add coho salmon present to 326-00-10400-2047-3060
Add coho salmon Rearing to 326-00-10400-2047-3060-0010

Coordinates (Lat,Long): (59.39150,-160.27984)

Name of Observer (please print): Mark Lisac
 Signature: 164.159.152.2 (Web Nomination) Date: 01/09/2015
 Agency: _____
 Address: USFWS Togiak NWR P.O. Box 270
Dillingham, AK 99576

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 11/14
 Name of Area Biologist (please print): _____

ARCTIC CHAR SAMPLING EFFORT

ID 140 AWC 326-00-10400-2047-3090-0010 current AWI SS
 LAKE Gachlak Pond
 DATE 8/27/2014
 CREW Usac, Ademan
 TRANSPORT R44 Polux Robert Kozakiewicz
 ASSESSMENT TYPE Rapid; day trip
 GEAR USED H&L, MT, alpaca; lowrance & depthmate

COMMENTS / NOTES:
 Flew to inlet stream on west side w/ drop off and beaver lodge. Angled w/ nothing got ready to move and Andy saw 3 large char cruising shore. Caught all three. Wind let up enough so we moved to other shore and I paddled around w/ the Alpaca running Lowrance sonar and trilled to the far end of the lake. Lowrance and depthmate agreed on depth readings; water was low and the outlet stream was dammed by beaver only allowing a trickle down stream. Lots of small fish & sticklebacks, caught a rainbow fishing the lake outlet area waiting for the chopper.

Drainage ID 140 LAKE Gachlak Pond Volume hectares PERIMETER SLD 128 Mean D 1.28 Elev. SA - Elev. Log10 147 4.876 3.7 Lat 59.3879 Long -160.2773 AC YUJN T 14.8 pH DO 36.2 conductivity Secchi 3.7

ID WB_Name Drainage CAT CODE RATE AC Connect Area Perimeter SLD Elevation Lat Long CART GLM Average
 140 Gachlak pond Toggak 0 ? NO 33 2618 1.28 147 59.3879 160.2773 0.396 0.739 0.568

LAKE MEASUREMENTS:

YSI & Lowrance from Alpaca drift bathymetric transect on SD card. Dmax = >7.0 1 observation, need lowrance data

SURFACE PARAMETERS:
 T/C 14.8 C 58.64 F
 Conduct. 36.2
 Sp Cond. 45.0
 Secchi 12 Ft
 INLET STREAM T/C C 3.7 M
 Conduct. 32 F
 Sp Cond.

OTHER SPECIES OBSERVED:

M. Traps
 #1
 #2
 #3
 #4
 waypoints
 MTT
 Char
 5-05
 7-05
 Beavdam
 27-Aug-14 1:20:00PM
 27-Aug-14 2:20:50PM
 27-Aug-14 3:06:01PM
 27-Aug-14 3:52:58PM
 27-Aug-14 4:44:16PM
 59.39150 160.27984
 59.39150 160.27984
 59.39100 160.27943
 59.39325 160.27691
 59.38640 160.27917

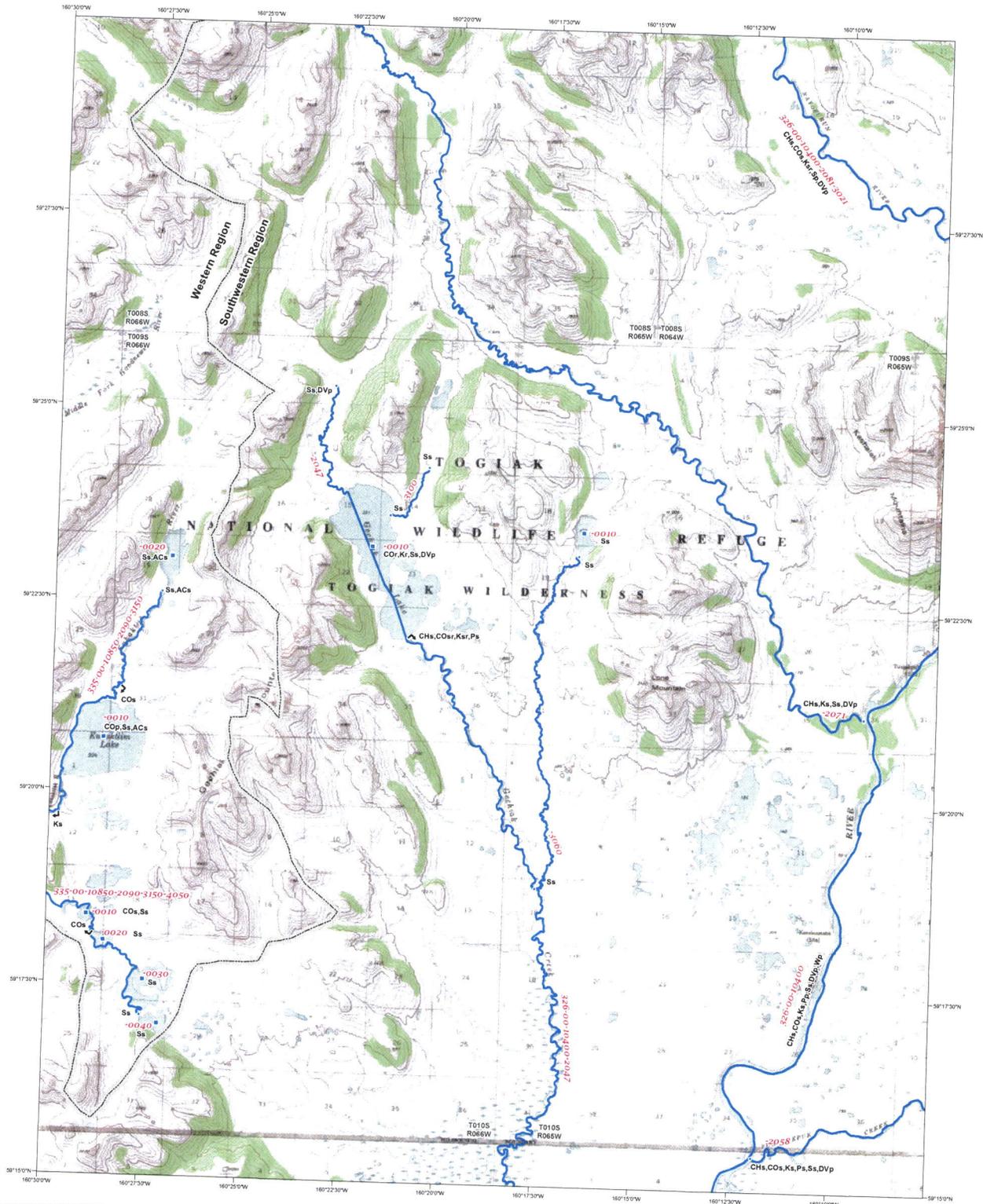
Date	Tag	Length	Weight	Via#	Status	Disposition	sex	Mat	Color	Photo	Lat	Long	gear	comments
8/27/2014	31.528	601 NA	179	T	T	V	U	U	NA	N	59.39100	160.27943	H&L	check coordinates checked
8/27/2014	31.527	543 NA	180	T	T	V	U	U	NA	N	59.39100	160.27943	H&L	check coordinates checked
8/27/2014	31.526	460 NA	182	T	T	V	U	U	NA	N	59.39100	160.27943	H&L	check coordinates checked

RAINBOW TROUT 8/27/2014 31.529 380 NA 191 T R U U NA N 59.38681 160.27858 H&L @Outlet





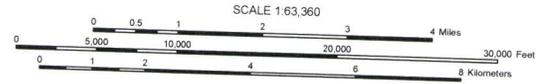
Image Landsat



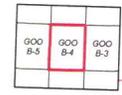
Base map created with TOPOI, ©2006 National Geographic Maps. All Rights Reserved.

The geographical base map data are based on USGS topographic maps, USGS elevation data, and the USGS Geographic Names Information System. Please consider carefully the fact that the geographic data may not be adequate for purposes requiring precision in depiction of geographic features, exact measurement of direction or distance, or for similar purposes including but not limited to navigation, tracking, or emergency response.

Access this map on the web at <http://www.sf.adg.state.ak.us/SARRAWC>



Universal Transverse Mercator projection, Zone 4, 1983 North American datum. National geodetic vertical datum of 1929



- Lower/Upper Point of Stream
- † Midstream Species Begin/End Point
- ★ Short Stream (Under 660 feet)
- Lake
- ▲ Barrier

- Anadromous Streams
- Anadromous Areas
- AWC Stat Area
- Regional Boundary

SPECIES CODES

- CO coho salmon
- CH chum salmon
- K chinook salmon (king)
- P pink salmon
- S sockeye salmon

LIFESTAGE CODES

- p Present
- m Migration
- r Rearing
- s Spawning

- AC Arctic char
- AL Arctic lamprey
- AW Arctic cisco
- BC broad whitefish
- BW Bering cisco
- CT cutthroat trout
- DV Dolly Varden
- GS green sturgeon
- HW humpback whitefish
- LB western brook lamprey
- LC least cisco
- LP lamprey, undifferentiated
- LV river lamprey
- CL longfin smelt
- OM rainbow smelt
- OU eulachon
- PC Pacific lamprey
- IN inconnu (sheefish)
- SH steelhead trout
- SM smelt, undifferentiated
- ST sturgeon, undifferentiated
- W whitefish, undifferentiated
- WS white sturgeon



Produced by State of Alaska Department of Fish and Game

Anadromous Waters Atlas

Quad No. 070 (G00)

**Goodnews Bay
B-4**

Revision Date 11/24/2008

add coho salmon present to 326-00-10400-2047-3060
add coho salmon rearing to 326-00-10400-2047-3060-0010

Ss, DVP

COI, Kr, Ss, DVP

CHs, COI, Kr, Ps

Ss

Ss

↑ POP

↑ POP

↑ POP

CHs, COI, Kr, Ps, DVP, Wp

CHs, Ks, Ss, DVP

CHs, COI, Kr, Sp

