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

AWC Volume SE SC SW W AR IN USGS Quad Ketchikan B-4

Anadromous Water Catalog Number of Waterway Tributary to Gokachin Creek #101-43-10410-2014

Name of Waterway Sea Level Creek USGS name X Local name -2014

Addition X Deletion ___ Correction ___ Backup Information ___

For Office Use

Nomination # 97 107	Regional Supervisor OR LLT — Date 1-2-97
Revision Year:	Ed Weiss — Date 2/10/97
Revision to: Atlas ___ Catalog ___ Both ___	D. Drone — Drafted — Date 12/8/97
Revision Code: AZ	

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Pink	10/24/95	X			yes

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 any other information such as: specific stream reaches observed as spawning or rearing habitat; locations, types, and heights of any barriers; etc.

Comments: This is a major drainage and most likely a major salmon producer. Pink carcasses were observed 300 yards up from the confluence with Gokachin Creek. This system undoubtedly has coho and possibly other anadromous species. Please see the attached Forest Practices Inspection report for more information.

ALASKA DEPT. OF FISH & GAME

JAN 06 1997

REGION II HABITAT AND RESTORATION DIVISION

Name of Observer (please print) Ben Kirkpatrick Habitat Biologist

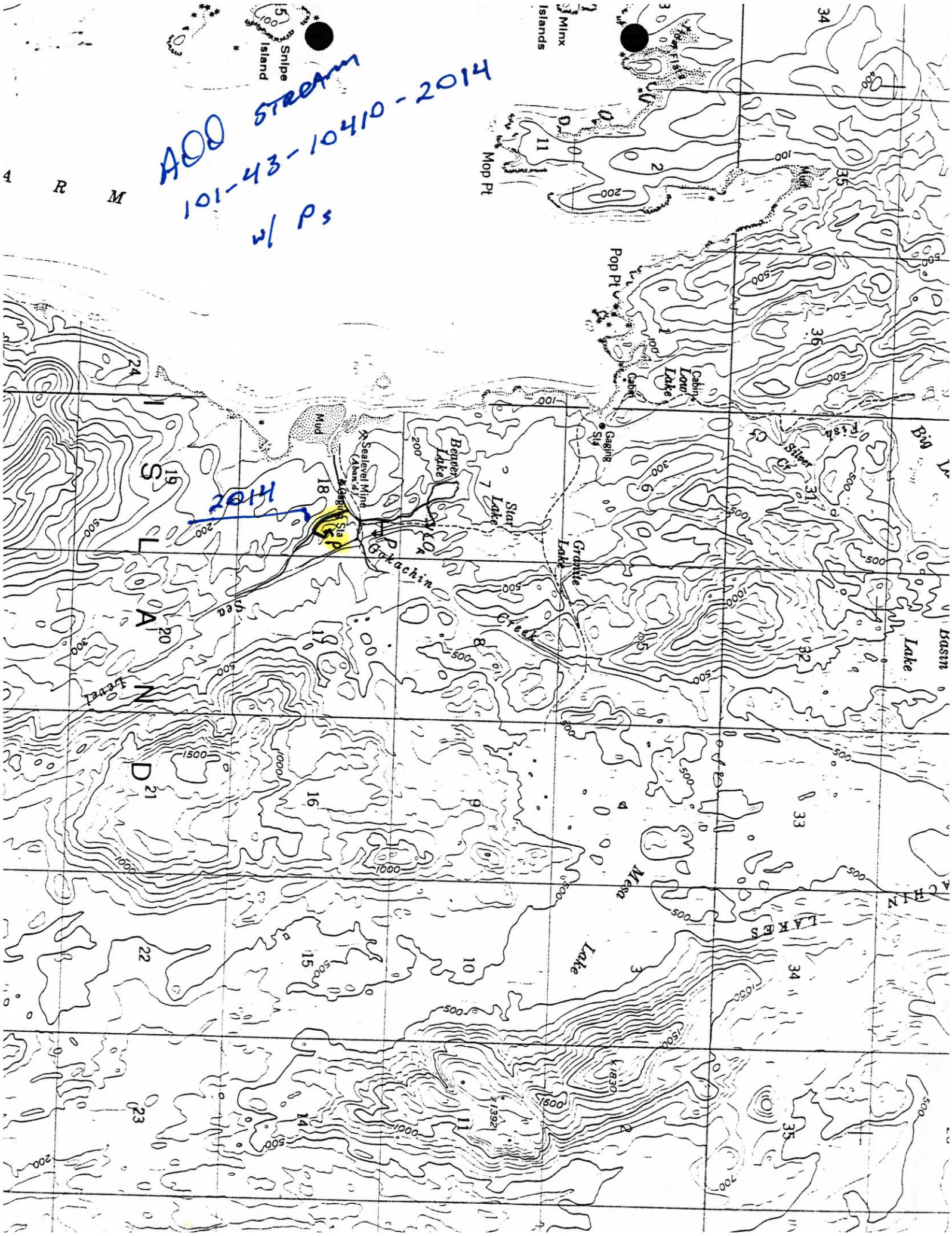
Date: 10/30/95 Signature: Ben Kirkpatrick

Address: ADF&G 2030 Sea Level Dr. #205
Ketchikan AK 99901

This certifies that in my best professional judgement and belief the above information is evidence that this waterbody should be included in or deleted from the Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: Jack Gadsden

Rev. 7/93


ADD STREAM
101-43-10410-2014
w/ Ps
2014
Snipe Island
Minx Islands
Mop Pt
Pop Pt
Cabin
Low Lake
Gaging Sta
Beaver Lake
Star Lake
Granite Lake
Sealevel Mine (Aban'd)
Gaging Sta
Gokachin Creek
Sea Level
Mud
Silver Cr
Fish Cr
Big
Basin Lake
Mesa Lake
LAKES
ISLAND
R M

TONY KNOWLES, GOVERNOR

DEPARTMENT OF FISH AND G

HABITAT AND RESTORATION DIVI

2030 SEA LEVEL DRIVE #205
KETCHIKAN, AK 99901
PHONE: (907) 225-2027
FAX: (907) 225-2676

MEMORANDUM

TO: Chris Westwood
Area Forester
Department of Natural Resources
Ketchikan

DATE: October 30, 1995

FILE: SE-96-004

FROM: Ben Kirkpatrick
Habitat Biologist

SUBJECT: Forest Practices Inspection -- Ketchikan Pulp Corporation (KPC) -- Goo Goo MC

On October 24, 1995, R.A. Madden (KPC), John Karoly (DOF) and I conducted a Forest Practices Inspection on the KPC Goo Goo MC unit, located on the west side of Thorne Arm. My primary goal was to establish whether the Beaver Lake Fork of Gokachin Creek #101-43-10410, is an anadromous waterway.: The results of our stream classification efforts are as follows:

The Beaver Lake outlet is controlled by a series of about eight beaver dams. These well-established dams, appear to have been in place for quite some time and evidence of recent beaver activity is present. A small channel that flows through a wet muskeg and flooded grassy area characterizes this section of the Beaver Lake Fork. Each dam has less than a three foot elevation drop. This section is approximately 300 yards long. There appears to be excellent rearing habitat, but the only spawning gravel is located near a few small side streams that flow into this dammed area. The final dam is at the entrance of a steep sided gorge, a Type B waterway, that continues for approximately 300 yards. After emerging from this Type B gorge, the Beaver Lake Fork becomes a Type A stream again for approximately another 300 yards, before the confluence with Gokachin Creek. This section is five to ten feet in width, there is a 2 to 4 percent gradient with a coarse gravel and cobble substrate.

Six minnow traps were placed in the Beaver Lake Fork, between the Beaver Lake outlet to just below the forth dam from the lake. A total of 99 cutthroat trout, one Dolly Varden, two sticklebacks and five coho salmon were captured. The first coho caught was below the first Beaver Lake outlet dam. Pink salmon carcasses were observed in the lower Type A stream bed, up to the entrance of the Type B gorge. KPC will need to flag a riparian buffer where their Goo Goo MC unit comes within 66 feet of the Beaver Lake Fork near Beaver Lake.

While awaiting our pick up, we hiked approximately 300 yards up uncatalogued Sea Level Creek. This is a major tributary of Gokachin Creek, coming in from the south. This creek is approximately 50 feet wide, has less than a two percent gradient and has a gravel and cobble substrate. Even with high water there were abundant pink carcasses present. Undoubtedly anadromous species utilize a much greater portion of this stream than we had time to document.

Thank you for arranging this inspection and we also appreciate the cooperation of KPC staff for helping to conduct this inspection on a less than perfect day.

cc: Lana Shea, ADF&G, Douglas
Jack Gustafson, ADF&G, Ketchikan
Kevin Hanley, ADEC, Juneau
R.A. Madden, KPC, Ketchikan