

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

ALASKA DEPT. OF FISH & GAME  
 AUG 2 - 2001

REGION II  
 HABITAT AND RESTORATION DIVISION

AWC Volume  SE  SC  SW  W  AR  IN

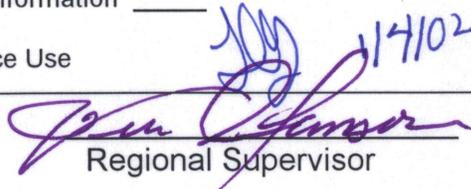
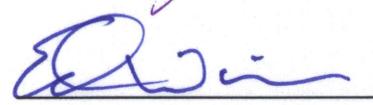
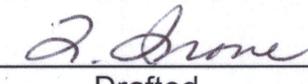
USGS Quad. B-3 ~~Craig G-3~~, T. 76S., R. 82E., Section 14  
 Arct 5865

Anadromous Water Catalog Number of Waterway 103-40-10130-?????

Name of Waterway Tributary to Soda Creek USGS name \_\_\_\_\_ Local Name Brushy Creek

Addition  Deletion \_\_\_\_\_ Correction \_\_\_\_\_ Backup Information \_\_\_\_\_

For Office Use

Nomination # <u>01 186</u>		<u>7/29/01</u>
Revision Year <u>2001</u>	Regional Supervisor	Date
Revision Atlas _____ Catalog _____		<u>12/18/01</u>
Both <input checked="" type="checkbox"/>		<u>1/14/01</u>
Revision Code <u>A-2</u>	Drafted	Date

Species	Date (s) Observed	Spawning	Rearing	Migration	Anadromous
Coho Juveniles	June 27, 2001		10+		Yes
Dolly Varden	June 27, 2001		10+		

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: On June 27, 2001, I conducted a stream inspection, using an electrofisher, of locally named "Brushy Creek", a tributary to Soda Creek, stream number 103-40-10130. The lower reaches of Brushy Creek consist of a series of relic beaver ponds with large amounts of LWD within the channel. Several coho juveniles were observed in this section of the stream along with Dolly Varden. Pink salmon bones were also observed along the banks of the stream. The channel is low gradient with a substrate of gravel and sand to a point approximately 1500' from Soda Creek where the gradient becomes greater than 20 percent and the substrate changes to boulders and bedrock.

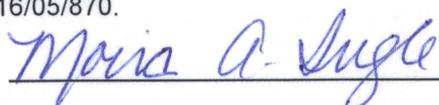
**ACTION: Add Brushy Creek, 1500' to the catalog for coho rearing/spawning and pink salmon spawning.**

Name of Observer (please print) Mark Minnillo

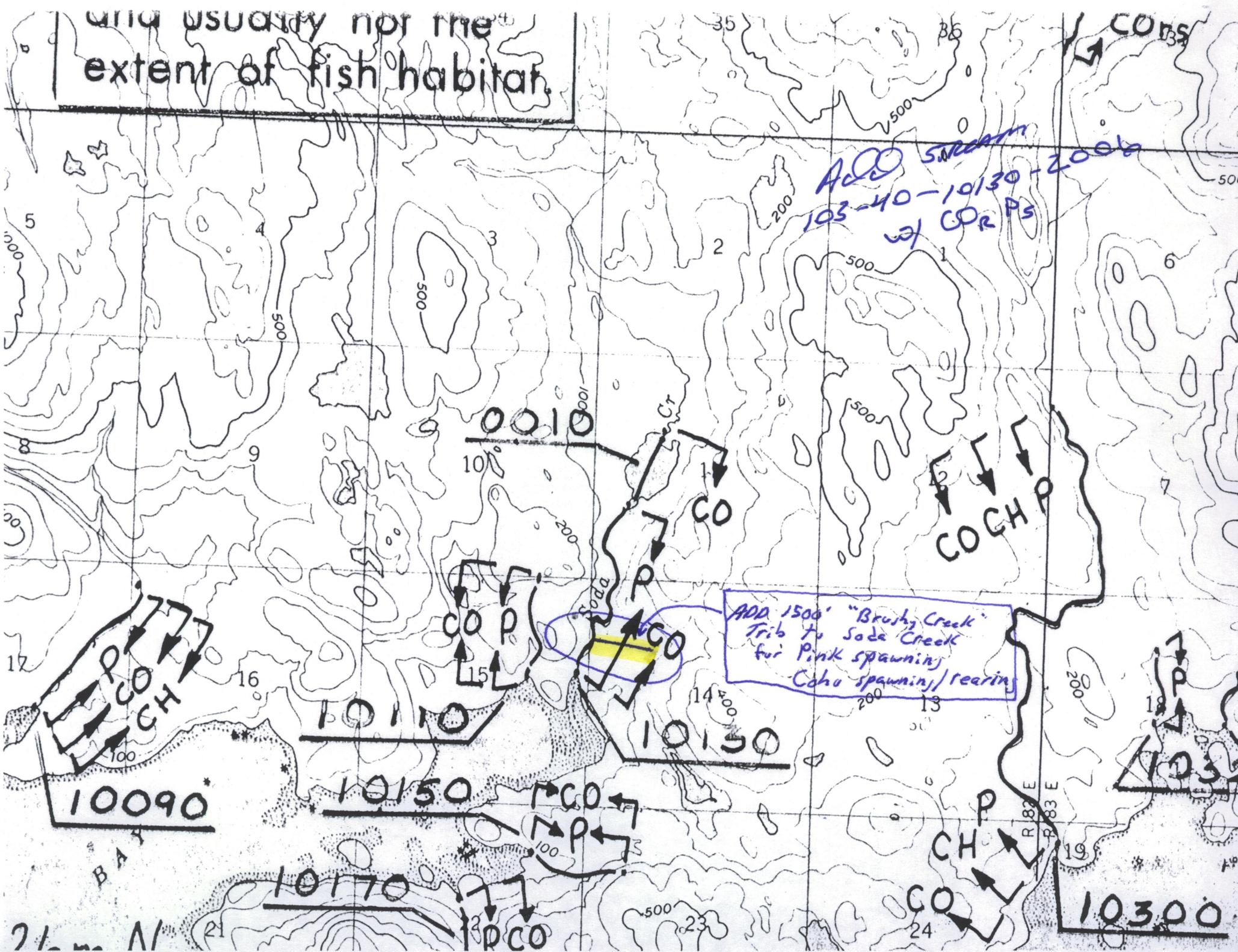
Date: July 18, 2001 Signature: 

Address: P.O. Box 668, Craig, AK 99921-0668

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 [er AS 16/05/870.

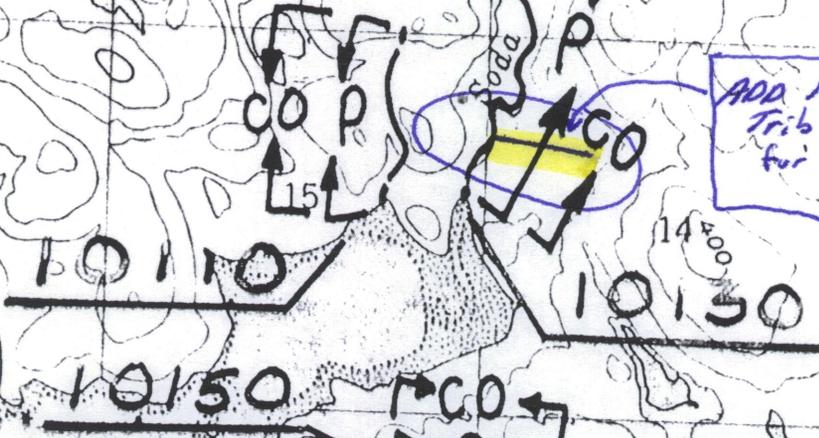
Signature of Area Biologist: 

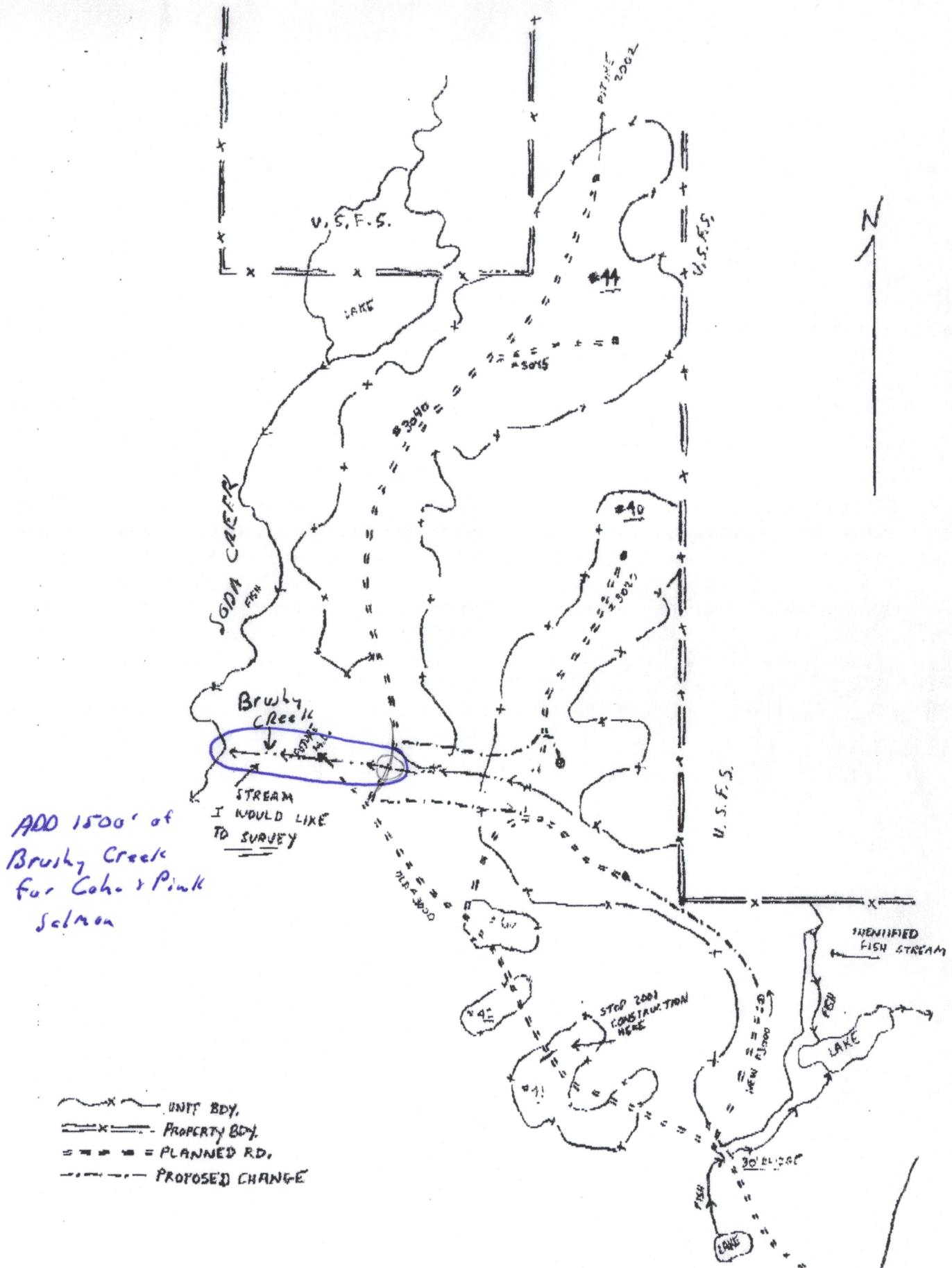
and usually not the extent of fish habitat.



ADD stream  
103-40-10130-2006  
at COR PS

ADD 1500' "Brushy Creek"  
Trib to Soda Creek  
for Pink spawning  
Coho spawning/rearing





# MEMORANDUM

## State of Alaska

### DEPARTMENT OF FISH AND GAME

TO: Patricia Palkovic  
Forest Practices Forester  
Department of Natural Resources  
Ketchikan

DATE: June 28, 2001

FILE NO: SE-99-002

PHONE: 826-2560

FROM: Mark J. Minnillo *MJM*  
Assistant Area Habitat Biologist  
Habitat and Restoration Division  
Craig

SUBJECT: Stream Inspection Report  
Forest Practices Notification--STC  
Soda Bay Operations  
Unit 40

On June 22, 2001, the Alaska Department of Fish and Game (ADF&G) received Forest Practices Notification Materials submitted by Sealaska Timber Corporation (STC) requesting a stream inspection of unit 40 at STC's Soda Bay operations.

The comments on this notification are being submitted pursuant to the Forest Resources and Practices Act (AS 41.17) and Regulations (11 AAC 95.185 – 95.840). We recommend that comments enforceable under the Act or Regulations be transmitted as stipulations, and those that are not, be identified as advisory. Please note that if authorization is required pursuant to AS Title 16, it will be issued under separate cover directly to the applicant.

On June 27, 2001, you (DNR), Joe Bovee (STC), and I conducted a stream inspection of a stream, Brushy Creek, located in the middle portion of unit 40 at STC's Soda Bay operation. This stream was identified by STC during layout operations. The following is a summary of the inspection of Brushy Creek and one other stream that is crossed by the 3000 road.

I drove from Craig and met you and Joe at the turn off to Hydaburg. We then drove to the LTF at Soda Bay where we parked and then boated to the head of Soda Bay. We walked along Soda Creek, stream number 103-40-10130, cataloged for pink and coho salmon, until we came to the proposed Soda Creek crossing site. Joe and I measured the width of Soda Creek and Joe determined that a 90-foot bridge would be needed for the crossing. Joe asked about placing some rock within the edge of the channel to armor an area where a tree had uprooted. I recommended that it would be best to completely avoid this area and put the bridge sill on the bank above this area. Joe agreed. Joe mentioned that one, one-way, equipment crossing would be necessary to install the bridge. I informed Joe that a Title 16 permit would be required for the equipment crossing and any other instream work needed for bridge construction. We continued along Soda Creek until we came to Brushy Creek.

Patricia Palkovic  
June 28, 2001

Stream Inspection Report/FPN  
Soda Bay Unit 40--STC

The lower portion of Brushy Creek consists of a series of relic beaver dams. The channel is approximately seven feet wide with a substrate of gravel and sand. There is a large amount of woody debris in this lower section of the stream creating many pools. Coho juveniles were observed in the lower portion of Brushy Creek so we walked upstream to a point that Joe thought might be the end of fish habitat. I used the electroshocker to verify the presence of coho juveniles and Dolly Varden char to a point approximately 100 feet upstream of the proposed 3000-road crossing of Brushy Creek. In addition, pink salmon bones were observed along the banks to a point just above the proposed crossing. At this point the stream becomes steeper and the substrate is composed of boulders. After determining the extent of fish habitat we walked back to the proposed road crossing site and discussed the crossing. Joe had planned on using a 60-inch corrugated metal pipe (CMP) for the crossing. We discussed the fact that the stream contains spawning habitat and that a timing window of June 15 through August 7 would apply to any instream work. I strongly recommended a log stringer bridge in order to protect spawning habitat at the site. Joe said that he would not be able to make the timing window and that he could put in a log stringer bridge without any instream work. We agreed that a 13-foot log stringer bridge would be used for the crossing. Brushy Creek will be nominated to the Atlas and Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes.

We then walked along the 3000-road flag line and proceeded in the direction of the skiff. On the way we crossed a small stream that is to be crossed by the 3000 road. This stream is approximately 3-feet wide with a fine gravel/sand substrate, little flow and skunk cabbage growing within the channel. I used the electroshocker and verified the presence of juvenile coho. We discussed the crossing and agreed that a 36" CMP could be used provided that the culvert is bedded to provide fish passage and all instream work would be completed during the timing window of June 15 and September 1.

We continued back to the skiff where we boated back to the LTF and then drove back to the turn off of the Hydaburg road where I drove back to Craig and Joe took you to Hollis to catch your plane to Ketchikan.

Thank you for the opportunity to comment on this notification. If you have any questions or need further information, please contact me.

cc: Bill Hanson, ADF&G, Douglas\*  
Moirra Ingle, ADF&G, Craig\*  
Kevin Hanley, DEC, Juneau\*  
Gabriel Scott, Cascadia Wildlands Project, Cordova

\* e-mail

# MEMORANDUM

## State of Alaska DEPARTMENT OF FISH AND GAME

TO: Patricia Palkovic  
Forest Practices Forester  
Department of Natural Resources  
Ketchikan

DATE: July 18, 2001

FILE NO: SE-99-002

PHONE: 826-2560

FROM: Mark J. Minnillo  
Assistant Area Habitat Biologist  
Habitat and Restoration Division  
Craig

SUBJECT: "Amendment"  
Stream Inspection Report  
Soda Bay Operations  
Unit 40

On June 22, 2001, the Alaska Department of Fish and Game (ADF&G) received Forest Practices Notification Materials submitted by Sealaska Timber Corporation (STC) requesting a stream inspection of unit 40 at STC's Soda Bay operations.

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On June 27, 2001, you (DNR), Joe Bovee (STC), and I conducted a stream inspection of a stream, Brushy Creek, located in the middle portion of unit 40 at STC's Soda Bay operation. This stream was identified by STC during layout operations. The following is an amendment to my stream inspection report of June 28, 2001 pertaining to the crossing site on "Brushy Creek".

Paragraph 5 should read "...electroshocker was used to verify the presence of coho juveniles and Dolly Varden char to a point approximately 100 feet upstream of the proposed 3040 road crossing of Brushy Creek" instead of the 3000 road crossing.

Also in paragraph 5 "We agreed that a 32-foot log stringer bridge..." instead of a 13-foot log stringer bridge.

Please add this amendment to my report of June 28, 2001.

cc: Bill Hanson, ADF&G, Douglas\*  
Kevin Hanley, DEC, Juneau\*  
Gabriel Scott, Cascadia Wildlands Project, Cordova

\* e-mail