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 Craig B2

Anadromous Water Catalog Number of Waterway #102-60-10680-

Name of Waterway unnamed trib to Kina Creek USGS name None Local name None

Addition X Deletion ____ Correction ____ Backup Information ____

For Office Use

Nomination # 99 322

Revision Year: 2000

Revision to: Atlas ____ Catalog ____

Both X

Revision Code: A-Z

Regional Supervisor 12-23-99 Date

6/21/00

Drafted Date

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Migration	Anadromous
Coho	9-24-99		2		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: See attachment. ~~The section that is highlighted in yellow pertains to this stream.~~

The stream doesn't appear on the U.S.G.S map. I drew it in the best I could but it may not be totally accurate at this scale. Action Recommended: Add this stream (≈500 meters) to the catalog, as coho rearing.

Name of Observer (please print) Steven McCurdy

Date: 10-22-99 Signature: Steve McCurdy

Address: PO Box 668
Craig AK 99921

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: Mona A. Ingle

Rev. 7/93

MEMORANDUM

State of Alaska
DEPARTMENT OF FISH AND GAME

FROM: Steven McCurdy
Habitat Biologist
Habitat and Restoration Division
Craig

Date: November 9, 1999

RE: Tributary to Kina Creek

On September 24, 1999, Wayne Valentic from Sealaska Timber Corporation (STC), Lyle Lundberg from South Coast Incorporated, and I (ADF&G) visited STC's Kina Cove operation. The purpose of the trip was to inspect an old logging road for rehabilitation work and to inspect a number of the streams that are crossed by this road to determine if they contain anadromous habitat.

One of the streams examined flowed into Kina Creek (# 102-60-10680) from the west in section 7, T74S R85E CRM. The stream was approximately four feet wide near where it crossed the road. One trap was set above the road at approximately 9:00 am and pulled around 11:00 am. Two juvenile coho were captured (they were approximately 100 mm in fork length). I examined this stream further although I did not attempt to trap any more fish. The road crosses this stream 27 meters from its confluence with Kina Creek. Below the road and 11 meters upstream from the confluence with Kina Creek is a very old beaver dam that is approximately 3 feet high. This dam is not a barrier to anadromous fish (since juvenile coho were captured above it), but may allow for fish passage only at certain flows. The dam is not totally natural, as there were several large pieces of square wood in it that may have been old bridge material. I walked the stream for a total of 500 meters and believe it to be anadromous habitat for the entire length that I examined. The dam near the mouth was the only obstacle to upstream fish migration that I observed. The lower 232 meters of this stream flows through second growth with a gradient of from 1 to 2%. Parts of several very old beaver dams are still present in this section. Three partially eaten pink salmon were also seen in this section, but since no live fish were observed I'm unsure if they migrated past the dam near the mouth or were carried up by predators. Above 232 meters the creek enters old growth and the grade ranges from 2 to 4%. The channel continues to meander and I would classify the channel in this section as a Moderate Gradient Mixed Control Channel Type (MM) using the Forest Service's Channel Type User Guide for the Tongass National Forest. The slope on either side of the stream is 15 to 30 feet high.

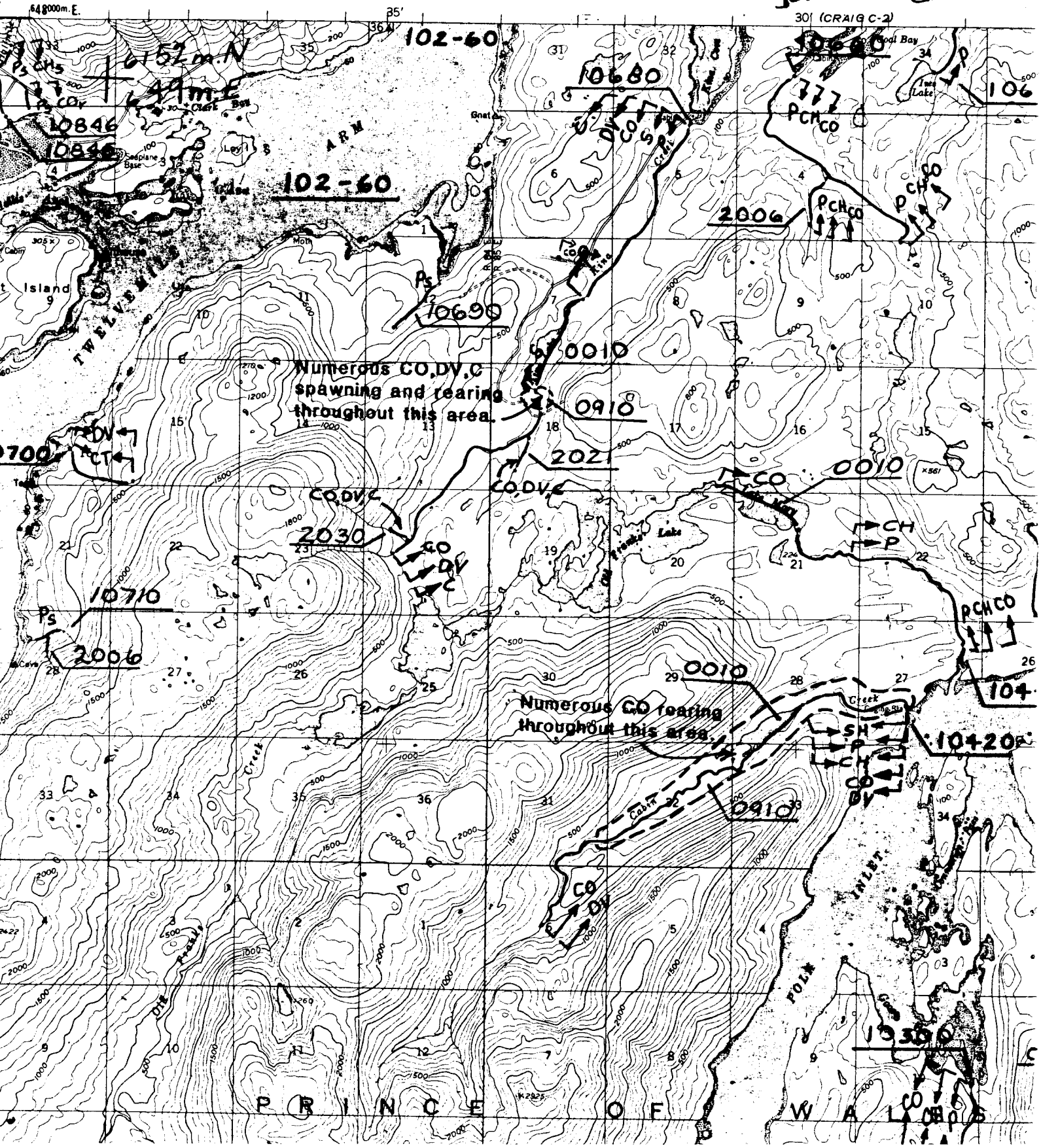
This stream contains spawning habitat and it may be utilized by spawning adult coho. I recommend that the lower 500 meters of this stream be added to the Catalog as important coho rearing habitat.

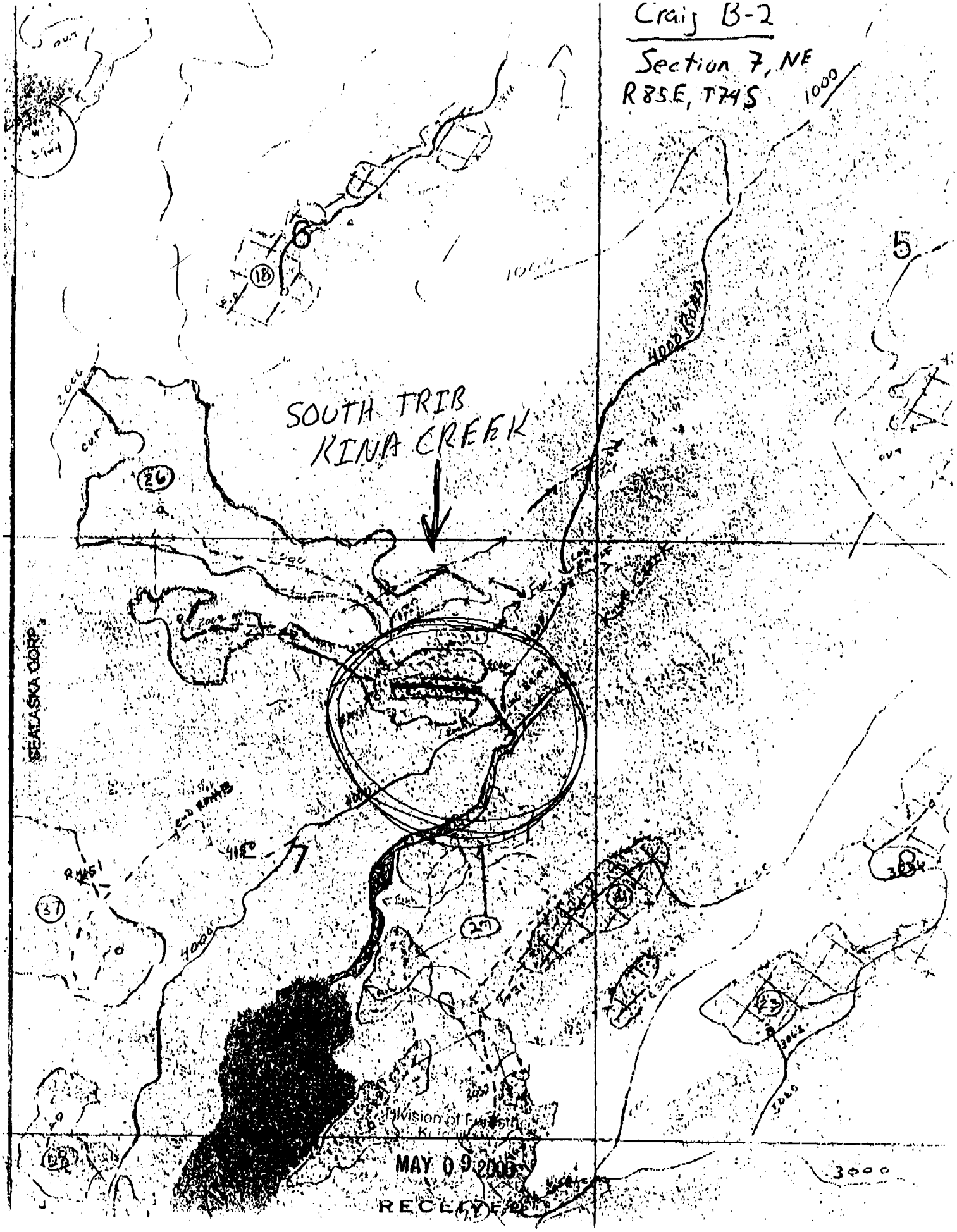
ADD STREAM

102-60-10680-2014

W/ CO R UP TO JUST ABOVE ROAD CROSSING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY




Craig B-2
Section 7, NE
R85E, T74S
SOUTH TRIB
KINA CREEK
SEALASKA CORP.
MAY 09 2000
RECEIVED

ALASKA DEPARTMENT OF FISH AND GAME
Habitat and Restoration Division
P.O. Box 668 (907) 826-2560
Craig, AK 99921-0668 FAX 826-2562

FACSIMILE COVER SHEET

Date: June 19, 2000

To:
Fax: (907) 267-2469 Voice: (907)

From: Mark J. Minnillo, Assistant Area Habitat Biologist
E-mail: Mark_Minnillo@fishgame.state.ak.us

Pages: , including this sheet 2

Memo:

For Ed Weiss

Ed, here is the orthophoto containing the South Trib to Kina Creek that Steve McCurdy nominated last year to be added to the catalog. If this doesn't help you let me know and I will have Ann Marie send you a hard copy. Take care, Mark

Edward W. Weiss

From: Steve McCurdy [steve_mccurdy@adfg.state.ak.us]
Sent: Thursday, June 22, 2000 9:06 AM
To: ed_weiss@fishgame.state.ak.us
Cc: Mark J Minnillo; 'Moira Ingle'
Subject: RE: Catalog Nomination Status

Ed,
I spoke with Mark yesterday on the phone concerning the stream in question. I recall it well. When I visited the site I set two minnow traps just upstream of where the road crosses the stream (I would estimate within 40 meters of the road crossing) and caught two juvenile coho. I did not do any further trapping beyond that point. You are correct in stating that my call of anadromous habitat extending further upstream is based on stream characteristics (very low gradient, with no barriers to juvenile coho present). Sorry for not being clearer on where my traps were set.
This could be a difficult stream (multiple site visits) to actually find the upper extent of anadromous habitat (based on presence of fish) because an old beaver dam just below the road crossing probably only allows for fish passage at certain flows. It would not surprise me that in some years no fish are able to pass upstream. However, as the temporary barrier (the beaver dam) slowly breaks down, more and more coho will utilize this stream as the habitat upstream appears to be very good for rearing coho (and possibly even spawning).
After talking to Mark, finding the upper extent of anadromous habitat (by the presence of fish)at this time may not be critical as it sounds like Sealaska will leave a buffer along the stream when they harvest the adjacent timber. Hope this is helpful. Let me know if you have any more questions.
Steve

-----Original Message-----
From: Edward W. Weiss [mailto:ed_weiss@fishgame.state.ak.us]
Sent: Wednesday, June 21, 2000 6:45 PM
To: mark_minnillo@fishgame.state.ak.us
Cc: Steve J Mccurdy
Subject: RE: Catalog Nomination Status

My apologies, we were in fact talking about two different streams. Everything I relayed to you earlier was in regards to the 11-22-99 nomination for the stream to the north.

I do in fact have the nomination here for the other 500 meter stream, the one for which you were inquiring. I must admit it was in the pile marked "on hold", unfortunately I didn't tag it as to why. After reviewing it the only problem I can see is Steve requested that 500 meters of stream be added, largely based on habitat characteristics. It is our current policy only to add reaches of stream up to the point where fish were sampled. The memo attached to the nomination indicated that fish were only caught in a trap set above the road. I probably was going to get some more info from Steve on how far above the road the trap was. If Steve can send me a note with that info we'll get it added to the database. If anyone has gotten anymore information on observations or sampling of fish above this point send that along too and we can extend it further above the road.

So the answer to your original question is basically the same, it will be added and will be effective the next revision to the AWC.

-----Original Message-----
From: Mark Minnillo [mailto:mark_minnillo@fishgame.state.ak.us]
Sent: Wednesday, June 21, 2000 4:31 PM
To: ed_weiss@fishgame.state.ak.us

Subject: RE: Catalog Nomination Status

Ed, in further investigation of the file, I came upon a second tributary to Kina Creek that Steve also nominated to the Catalog. This stream appears to be to the north of the stream I sent you a map of. Possibly you were looking at this nomination instead of the one I questioned you about. The differences in the nomination forms is the different stream descriptions and the date that Steve signed the form. The stream in question was measured as 500 meters and was signed by Steve on 10-22-99. The other stream to the north was measured as 350 meters and signed by Steve on 11-12-99. Maybe this will help.? I must say I feel for you as I can only imagine how many questions like mine you must receive. With all the water we have here in Southeast it must be a real b--ch for you to keep up. Let me know, Mark

-----Original Message-----
From: Edward W. Weiss [mailto:ed_weiss@fishgame.state.ak.us]
Sent: Wednesday, June 21, 2000 2:42 PM
To: mark_minnillo@fishgame.state.ak.us
Cc: Steve J Mccurdy
Subject: RE: Catalog Nomination Status

Mark, The FAX you sent is difficult to read. However, the stream you circled is in a different location than the cataloged stream and as nominated by Steve McCurdy. The one you circled is nearly 1/4 mile south of the cataloged stream. Are they the same stream or is there another one north and east of the one you circled on the map?

-----Original Message-----
From: Mark Minnillo [mailto:mark_minnillo@fishgame.state.ak.us]
Sent: Monday, June 19, 2000 1:42 PM
To: ed_weiss@fishgame.state.ak.us
Subject: RE: Catalog Nomination Status

Ed, thanks for the reply. As for the location of the stream, if you give me a FAX number I can send you a copy of the orthophoto from the operator that shows the stream. This may help with the exact location. Let me know, Mark

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Sent: Thursday, June 15, 2000 2:53 PM
To: mark_minnillo@fishgame.state.ak.us
Cc: Steve J Mccurdy
Subject: RE: Catalog Nomination Status

Mark, sorry for the delay. I've been in meetings the last 3 days.

We have received that nomination and it has been added to the database. However, it will not become legally effective (i.e. you can't require 870 permits for it) until the next revision becomes legally effective sometime late this year or early next.

One question we need to answer is how accurate was Steve's line drawn on the map for a location of the stream. We have been using the USFS hydrography, where it exists, for adding the arcs to the database. In this instance, the USFS arc mouth point and lower reaches were the in the same place as Steve's nomination. However, about halfway to the 4000 road the USFS hydro arc veers to the south so that the USFS stream crosses the road about 1/8 mile south of where Steve drew it. Which is more accurate Steve's drawing or the FS hydro? Is there another stream about of 1/8 mile to the south of what Steve submitted that flows into this one below the road?
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From: Mark Minnillo [mailto:mark_minnillo@fishgame.state.ak.us]
Sent: Wednesday, June 14, 2000 2:08 PM
To: Edward W Weiss
Cc: 'Moira Ingle'

Subject: Catalog Nomination Status

Ed,

This Email is a follow up to my telephone message of 6/14.

I was wondering if I could get some information on a stream that was nominated to be added to the Catalog in October of 1999. This stream is a tributary to Kina Creek located on quarter quad Craig B-2 at T.74S., R.85E., Section 7, was observed on September 25, 1999, and nominated on October 22, 1999 by Steven McCurdy. Was this stream added to the Catalog? Please let me know. Thanks, Mark

Edward W. Weiss

From: Mark Minnillo [mark_minnillo@fishgame.state.ak.us]
Sent: Wednesday, June 21, 2000 4:14 PM
To: ed_weiss@fishgame.state.ak.us
Subject: RE: Catalog Nomination Status

Ed, I just talked with Steve. After looking through our files the stream in question is definitely the same stream Steve nominated. As far as the exact location of the stream, I am going to request a GIS map from the operator to get an exact location of the steam. I can not find a copy of a map from Steve showing the location of the stream.? I will make sure to forward you a copy of the map just as soon as I receive one. Mark

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