



State of Alaska
Department of Fish and Game
Habitat and Restoration Division

Nomination for Waters
Important to Anadromous Fish

Region SOUTHEAST USGS Quad Craig C-4
 Anadromous Water Catalog Number of Waterway 103-60-10470-2042-3012-4013
 Name of Waterway Camper Creek USGS Name Local Name
 Addition Deletion Correction Backup Information

For Office Use

Nomination # 01 044
 Revision Year: 2001
 Revision to: Atlas _____ Catalog _____
 Both X
 Revision Code: D-1
 Regional Supervisor: Jonda Sheffer Anderson Date: 1-26-01
 AWC Project Biologist: Ed Wein Date: 12/19/01
 Drafted: J. Stone Date: 1/14/02

OBSERVATION INFORMATION

Species	Date(s) Observed	Spawning	Rearing	Present	Anadromous
coho salmon	1993		X	X	<input checked="" type="checkbox"/>
					<input 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: I examined a portion of this stream, designated Camper Creek, during two Forest Practices Inspections in 1993 to determine extent of anadromous fish habitat under the FRPA, and documented coho salmon juveniles above the mainline road. The upper extent of fish habitat shown in the Atlas is too far south, based on lack of evidence of anadromous fish (no bones and no captures with baited minnow traps) above a 4-foot high cascade despite apparently good quality habitat for a few hundred feet before the gradient becomes too high (> 10%). See attached maps for upper extent of Type A habitat (less than or equal to 8% gradient with evidence of anadromous fish) during the harvest period in the mid-1990s, and delete upper end in Atlas as shown. Add local name to catalog.

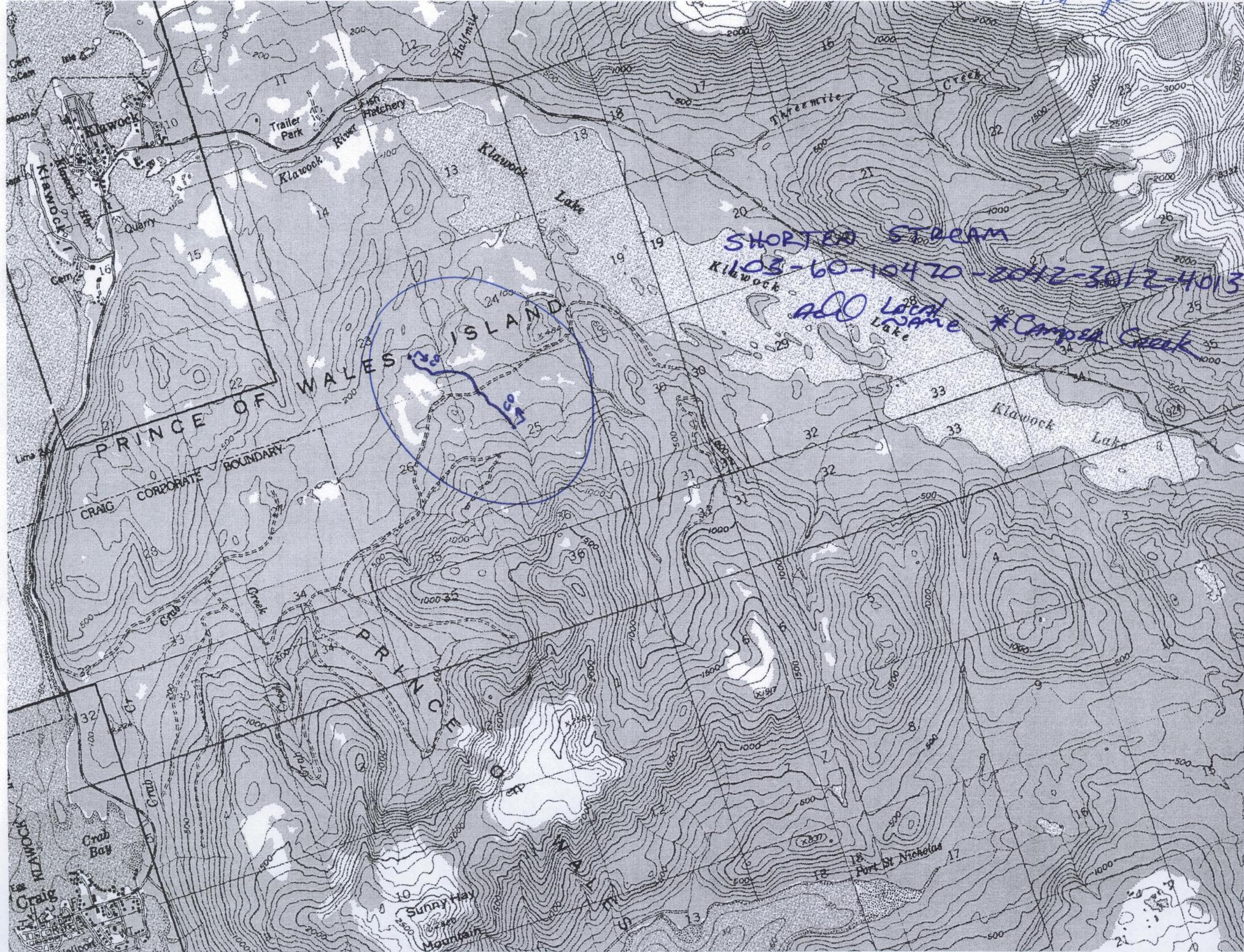
Name of Observer (please print): James D. Durst, Habitat Biologist
 Signature: James D. Durst Date: 1/18/01
 Address: ADF&G H&R, 1300 College Rd.
Fairbanks, AK 99701-1599

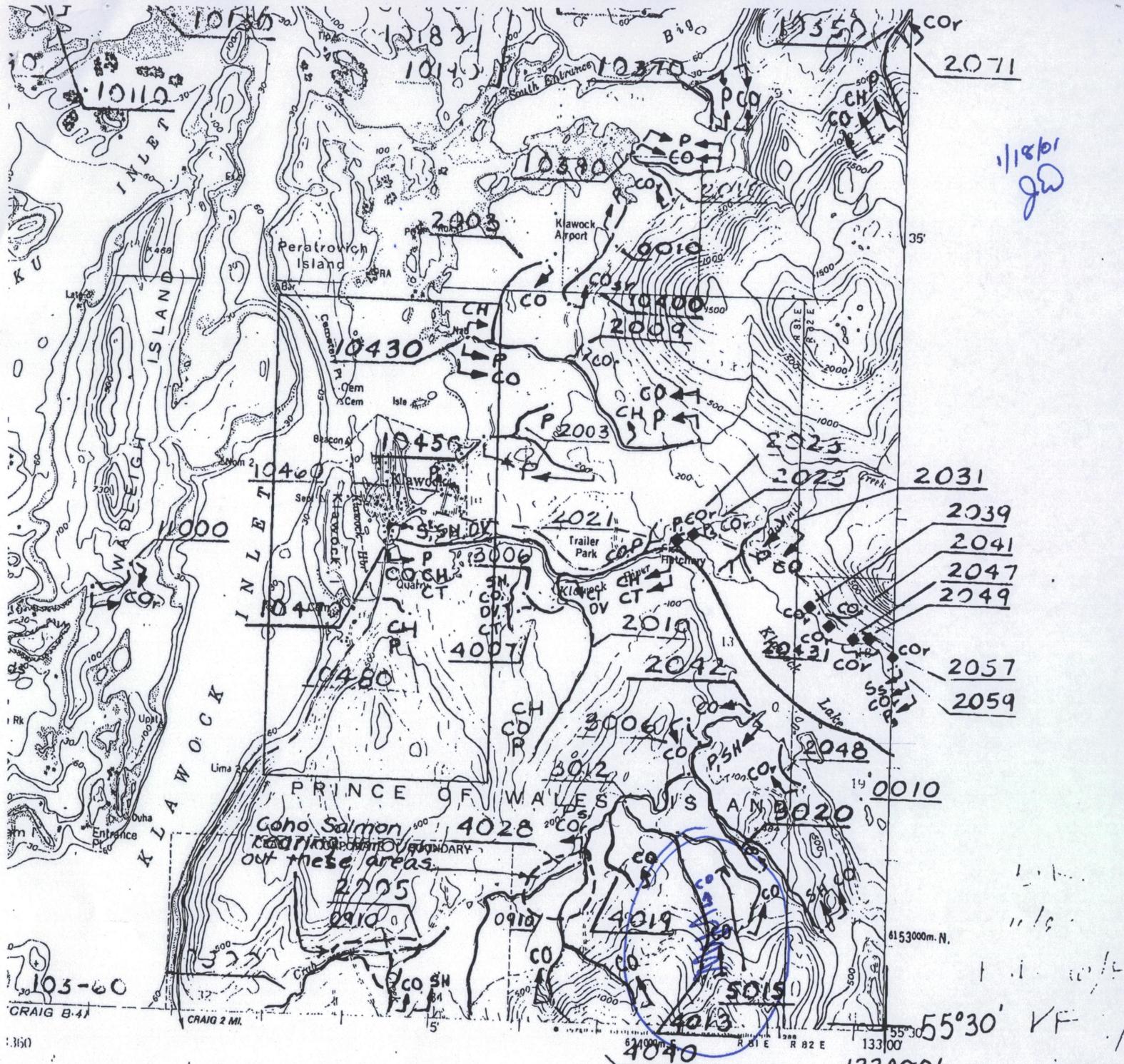
ALASKA DEPT. OF
FISH & GAME

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 Catalog of Waters Important for Spawning, Rearing or Migration of Anadromous Fishes per AS 16.05.870.

Signature of Area Biologist: [Signature] acting for Moira Ingle 1/23/01
 REGION II
 HABITAT AND RESTORATION
 DIVISION
 Revision 3/97

11/8/01 gsd





- 100 FEET
 DATUM OF 1929
 MEAN LOWER LOW WATER
 DATE LINE OF MEAN HIGH WATER
 APPROXIMATELY 8 FEET



EXPERIMENTAL

OUTLINE REPRESENTS LIMITS
 OF 1:25 000 SCALE MAP

CRAIG (C-4), ALASKA
 55133-E1-TF-063

1949
 LIMITED REVISION 1986

S STREAM CATALOG

LISTED QUADRANGLE NO. 001 P. 02

JAN 18 '01



ID:907-826-2562

BY	DATE
EWW	1/9

PDF&G H&R/CF CRAIG

1/18/01
JW

T735 R81E

CAMPER CREEK
103-66-10470-20472-30474-4013

MAINLINE

HABITAT LIMIT

UNIT IIB

HELIOLOG UNIT II WEST

TYPE A HABITAT LIMIT

4' cascade

UNIT IID SHOVEL

SEC 26

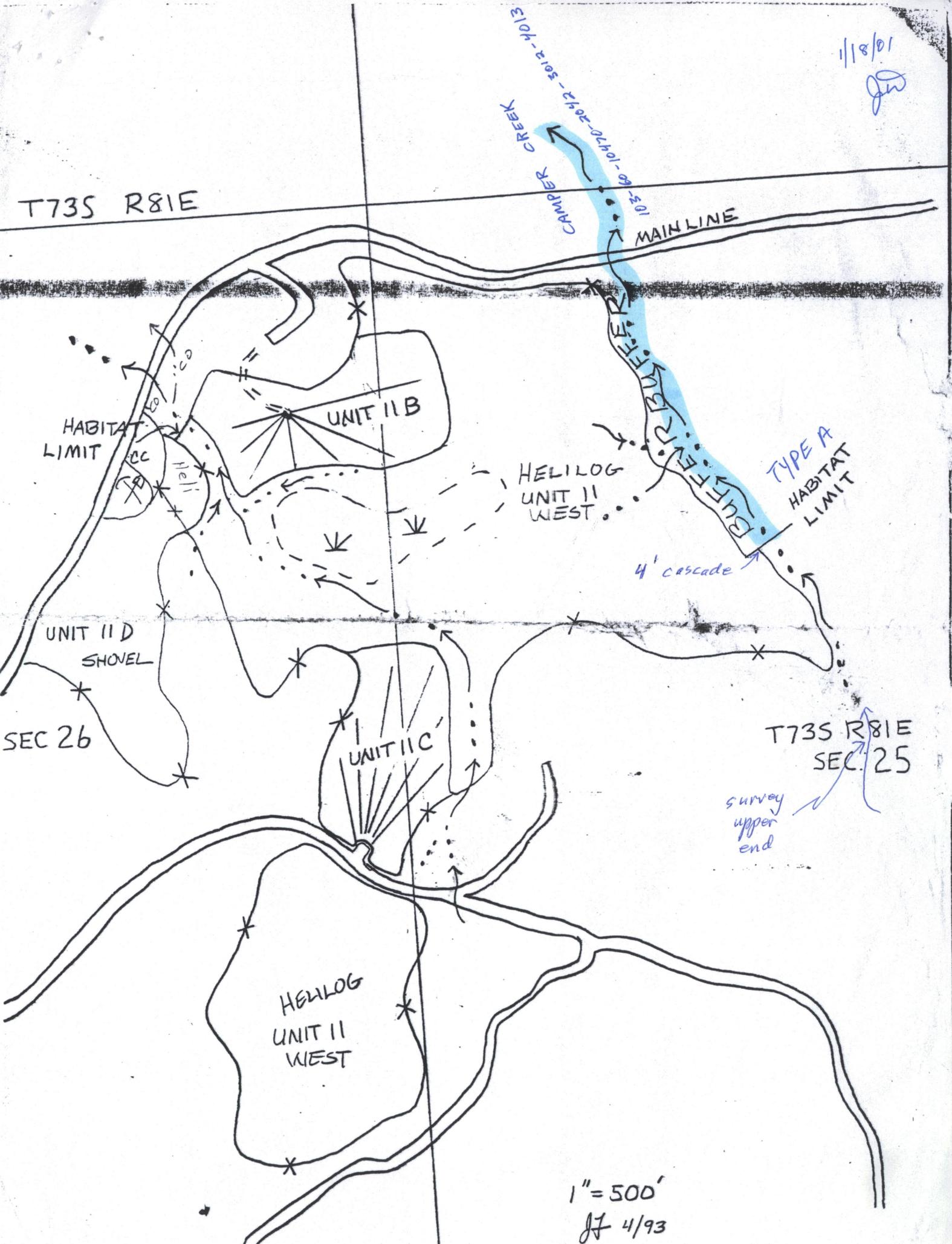
UNIT IIC

T735 R81E
SEC. 25

survey upper end

HELIOLOG UNIT II WEST

1" = 500'
JF 4/93



STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES

WALTER J. HICKEL, GOVERNOR

KETCHIKAN AREA OFFICE
2030 SEA LEVEL DRIVE, SUITE 217
KETCHIKAN, ALASKA 99901
PHONE: (907) 225-3070

DIVISION OF FORESTRY

May 11, 1993

Mr. Jim Martinez
Klawock Heenya Corporation
Post Office Box 129
Klawock, Alaska 99925



Re: Klawock Heenya Helicopter, SE-90-001

Dear Mr. Kato:

Enclosed you will find a Forest Practices inspection report dated April 20, 1993. This report covers Klawock Heenya's operation at Klawock Heenya's helicopter operations.

Please sign the enclosed report and return the original white copies to me. If you have questions concerning the report or other forest practices issues, call or drop by.

Sincerely,

Al Peterson
Forest Practices Forester

cc: L. Kato, KHC, Klawock
F. Gunn, SIC, Wrangell
M. Tottenham, CA, Port Alberni, B.C.
B. Hogarty, DEC, Ketchikan
J. Durst, DF&G, Klawock

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY
FOREST PRACTICES INSPECTION REPORT

SE-90-001
Operation No.
Klawock Henrys Hel
Name
Page 1 of 6

KETCHIKAN AREA OFFICE
2000 SEA LEVEL DRIVE, SUITE 217
KETCHIKAN, ALASKA 99901
PHONE: (907) 225 2070

Phoenix Log

Operator: KHC / Coulson Airplane Date: 4-20-93
Location: Klawock South Block + Crabs Creek Type of Insepction: Operational
Travel Time: 3.5 hr Priority: high Inspection Time: 16 hr.

Individuals Present:

Name	Representing	Name	Representing
<u>Paul Lerma</u>	<u>CA</u>	<u>Carl Winsenberg</u>	<u>PL</u>
<u>Jim Martinez</u>	<u>KHC</u>	<u>Jim Durst</u>	<u>ADP+6</u>

This report contains recommendations and inspection results pertaining to the following:

- | | | |
|---|--|---|
| <input type="checkbox"/> Reforestation | <input type="checkbox"/> Aesthetics | <input checked="" type="checkbox"/> Slash |
| <input checked="" type="checkbox"/> Road Construction & Maintenance | <input type="checkbox"/> Log Transfer & Storage | <input checked="" type="checkbox"/> Harvesting |
| <input type="checkbox"/> Wildlife Consideration | <input type="checkbox"/> Cleanup & Stabilization | <input checked="" type="checkbox"/> Other <u>fish</u> |

Inspection Results/Recommendations/Required Actions: Recommended actions are provided in order to prevent violation of the Forest Resources and Practices Act.

- See Attached -

This report indicates the conditions found to exist at the time of this inspection for those items checked or noted above. It does not imply that all parts of the operation were inspected nor does it indicate items not inspected are approved.

Signatures:

Operator
[Signature]
State Forester or Authorized Representative

Date
5/11/93
Date

unit is approximately 12 feet wide with a rubble substrate. The southernmost fifth of the creek is 5 feet wide with a gravel and rubble substrate.

Pink ribbon was used to denote the buffer on Bear Creek within Unit 7. This line was difficult to notice in areas and was nonexistent in others. I highly recommend that this line be made more readily visible before cutting commences. The current line will be difficult to notice upon leaf-out. Pink ribbon was tied across the upstream extent of the buffer. On the corner ribbons we wrote, "corner of buffer not end of fish." Jim Martinez informed the State that the northernmost end of the hatchet shaped section of Unit 7 ceases at this pink line. Type A water continues upstream of where pink ribbons were tied across the creek.

There are two 5 foot wide tributaries to Bear Creek within the hatchet shaped portion of Unit 7. These creeks were flagged with blue/white watercourse protection ribbon. All Type A water bodies should have the 66-foot buffer established before operations commence.

Paul Lerma informed me that the constructed roads will be used as helicopter drop sites for yarded wood. This should work fine, however, do not deposit logging slash into waters and ensure that logging debris does not clog ditchlines.

UNIT 11

Blueberry Creek

We examined the first creek immediately past Fred's Rock. This creek is cataloged as #103-60-10470-2010-3004-4005 and we named it Blueberry Creek. Blueberry Creek is within Unit 11 West and borders the west side of Unit 11B. The creek forms a fork just

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above the Crab Creek Road. The northeastern channel takes most of the water flow and the southern channel resembles more of an overflow channel. Coho fry are present in both water channels. The State tied blue/white watercourse protection ribbon throughout the Type A section of water.

Southern Channel This channel is approximately 5 feet wide and flows often percolated through the gravels. The first 75 feet of the channel has a sand and gravel substrate. Approximately 230 feet upstream of the road crossing this channel forms a fork with the main flow channel. Approximately 70 feet more upstream (300-feet above the road alignment) the creek has a gradient greater than 8%. A 10-foot high cascading waterfalls is located immediately upstream and was determined to be a fish barrier.

Northeastern Channel This channel receives most of the water flow. It meanders for the first 200 feet above the road. There is a large amount of LWD in this creek. Jim Martinez requested the salvage of two large blowdown spruces. The State agreed to the removal of the portion of the boles which were marked with yellow paint and the word "take" was spelled out with paint. The other portion of the bole which is painted with the word "leave" is to remain for fish habitat.

I asked about the distance between the road which accesses Unit 11B and Blueberry Creek. Carl Winsenberg assured me that it would be greater than 66-feet from Blueberry Creek.

Camper Creek

This water body is cataloged as #103-60-10470-2010-3004-4003 and borders the east side of Unit 11 West. The creek averages 20 feet in width and has a substrate consisting of rubble and gravels. Two tributaries on the west side of the creek will be covered by the buffer for Camper Creek. This creek is Type A from the Crab

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Creek Road upstream to a 4-foot high falls. This falls is located approximately 2000 feet upstream of the Crab Creek Road. A seep area located just above the road is a Type A water body and is to be protected as such. I highly recommend making the buffer line for the Type A water bodies readily visible before operations commence.

OVERALL

I am concerned with the lack of closed buffers on creeks. It is also concerning that there is uncertainty as to where the unit boundaries are due to a lack of flagging. To avoid the possibility of cutting trees along a Type A water body of a different drainage system (this could be possible with the low flat areas that have marginal timber) the unit line is to be clearly marked in the field before operations commence. If this will not occur, then closing the buffer lines on the Type A water bodies should work.

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The primary emphasis of this inspection was the examination of Units 3, 7, and 11 for: logging feasibility, water body classifications, and presence of anadromous fish.

We began our day by conducting a brief meeting to discuss the operations progress. The operator informed us that he would be wanting to log and cut Unit 7 first and then Unit 11. We informed the operator that the State review of Unit 15A was complete and said that harvest activities could commence.

Jim Fisher and Jim Martinez revisited the creek along the north side of Unit 7. During our meeting they informed us that the buffer had been closed on the creek (Beaver Creek). This was illustrated on the supplemental maps that were given to the State. I informed Jim Martinez where Hidden Creek was located and he said that a buffer would be placed on the creek to avoid cutting within 66 feet of it.

I informed Jim Fisher that Unit 9 is being considered as conceptual because it was not ready for field review. This unit will need to be field verified for Type A waters and then notified to the State when it is ready for field inspection.

UNIT 3

We examined the west side of Unit 3. All creeks had a gradient greater than 8 percent. I believe these creeks are intermittent. The State received the updated map for Unit 3 on April 7, 1993. The State informed KHC that creeks located within the westernmost portion of the unit needed to be inspected for the possibility of being anadromous. The State stated that Unit 3 could be examined immediately after the meeting on the way to Unit 7 during the April 7, 1993 inspection. KHC informed the State that Unit 7 was more important and Unit 3 could wait until a future inspection date. Upon the current inspection, the State examined Unit 3 and

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date

found it had been cut. This is concerning and similar actions in the future could result in violations, KHC must maintain better communications with their corporation and contractors in order to avoid this type of problem in the future.

KHC requested the removal of 2 blowdown trees which were across KR Creek. These trees shared a root mass with another tree having a smaller diameter. The State allowed for the removal of part of their boles. The portion which can be removed is the upper portion of the bole beyond the area that was marked with boot scuff marks. Approximately the lowest 30-feet of the bole would remain and maintain the stability of the large root wad which is attached. Both Carl Winsenberg and Jim Martinez observed the portion of the trees which could be removed.

Another blowdown tree located along the westernmost portion of the unit was requested for removal. The State agreed to the removal of this bole. There is a high probability that the root mass will set back. To avoid the possibility of damming the creek the State and operator agreed that it would be best to place a large diameter cull log on the opposite bank and then use a shovel to gently place the root mass back in place. The far end of the root mass would rest upon the cull piece of material. This would allow water to flow underneath the root mass and protect the exposed mineral soil from rain impact.

UNIT 7

There are two different 3 to 5-foot high falls on Bear Creek (#103-60-10470-2003) within Unit 7. Coho fry were captured upstream of these falls. Bear Creek is a Type A water body throughout Unit 7.

Bear Creek is approximately 20-foot wide within the northern three-fifths of the unit. The next fifth of the creek within the

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