

STATE OF ALASKA

WALTER J. HICKEL, GOVERNOR

DEPARTMENT OF NATURAL RESOURCES

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 Heli., 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

Date: 5/11/93

Operator: [Signature]

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

SF-90-001
Operation No.
Klawock Henrys Hel
Name
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Phoenix Log
Operator: KHC / Coulson Airplane Date: 4-20-93
Location: Klawock South Block + Creek 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:

- Reforestation
- Road Construction & Maintenance
- Wildlife Consideration
- Aesthetics
- Log Transfer & Storage
- Cleanup & Stabilization
- Slash
- Harvesting
- Other fish

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

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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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-feet wide within the northern three-fifths of the unit. The next fifth of the creek within the

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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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