

Publication No. 72-e36

WA-37-1010

TO: John Hodgson

DATE: October 16, 1972

FROM: Scott Jeane

SUBJECT: Boise Cascade at Yakima

The morning of September 14, 1972, I sampled Boise Cascade's log sorting pond effluent. The sample was reviewed for the following parameters:

<u>Parameter</u>	<u>Level</u>
COD	44 ppm
BOD	13 ppm
Coliform (Total)	3500 colonies/100 ml
Coliform (Fecal)	<100 colonies/100 ml
PBI	1440 ppm

In comparison with other log ponds the values for Boise Cascade at Yakima appear normal. The effluent is screened to prevent solids from escaping, which is a good feature.

The total coliform level is approximately 10 fold greater than river background levels. Because of the low volume of discharge this parameter should not greatly effect the river. Future samples of the lagoon should also be reviewed for color, total solids, total suspended solids, and pH.

GSJ:bj

cc: John Arnquist

STATE OF WASHINGTON DEPARTMENT OF ECOLOGY

WATER QUALITY LABORATORY

ORIGINAL TO:
Scott Jeanne...
COPIES TO:
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LAB FILES.....

DATA SUMMARY

Source Boise Cascade @ YAKIMA

Collected By S.J.

Date Collected _____

Goal, Pro./Obj. _____

Log Number: 72- 3462

											STORET
Station:											
pH											00403
Turbidity (JTU)											00070
Conductivity (umhos/cm)@25°C											00095
COD	44.										00340
BOD (5 day)	13.										00310
Total Coliform (Col./100ml)	3500										31504
Fecal Coliform (Col./100ml)	100.										31616
NO3-N (Filtered)											00620
NO2-N (Filtered)											00615
NH3-N (Unfiltered)											00610
T. Kjeldahl-N (Unfiltered)											00625
O-PO4-P (Filtered)											00671
Total Phos.-P (Unfiltered)											00665
Total Solids											00500
Total Non Vol. Solids											
Total Suspended Solids											00530
Total Sus. Non Vol. Solids											
PBI 1616	1440.										

Note: All results are in PPM unless otherwise specified. ND is "None Detected"
Convert those marked with a * to PPB (PPM $\times 10^3$) prior to entry into STORET

Summary By Stephen D. Roll Date 10-5-72