

MEMORANDUM

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TO: Central Files  
Olympia

FROM: Phil H. Williams/Spokane

SUBJECT: Inland Empire Paper Co.  
Class II Inspection

DATE: April 10, 1978

State of  
 Washington  
 Department  
 of Ecology



A Class II inspection was conducted at Inland Empire Paper Co. on February 21-22, 1978. Present were Phil Williams and Bill Yake of the Department of Ecology (D.O.E.) and Clarence Plopper of Inland Empire Paper (I.E.P.). At 10:45 a.m., Manning 24-hour composite samplers were placed at two locations: 1) at the effluent channel just upstream from the parshall flume; and 2) in the overflow chamber of the save-all - labeled "influent to deep tank".

The flow totalizer indicated a total flow of  $1.93 \times 10^6$  gallons during the 24-hour test period. Composite samples were split and analyzed by both D.O.E. and I.E.P., with the results summarized below (values in mg/l unless otherwise indicated):

	<u>D.O.E.</u>	<u>I.E.P.</u>	<u>Permit Limitation</u> <u>Daily Average</u>
Flow		1.93 MGD	2.5
Influent BOD <sub>5</sub>	330	264	
Effluent BOD <sub>5</sub>	116	81.6	
% Reduction BOD <sub>5</sub>	64.8	69.1	
Lbs./day BOD <sub>5</sub>	1867	1313	1120 (2140 daily max)
Influent TSS	674	705	
Effluent TSS	34	50	
% Reduction TSS	95	93	
Lbs./day TSS	547	805	1980
pH	7.4	7.4	6.5 - 8.5

The results indicate that I.E.P. was in compliance with all discharge limitations except for daily average BOD<sub>5</sub>. They were, however, in compliance with the daily maximum BOD<sub>5</sub> limitation and their results for the month indicate that monthly average was also within limits.

The results from the two laboratories must be viewed as comparable considering the complex nature of the effluent.

PHW:adt

cc: Mr. Clarence Plopper/I.E.P. (w/enclosure)  
 ← Mr. Bill Yake/SW Regional Office (w/enclosure)