

MEMORANDUM
Water Pollution Control Commission
P. O. Box 829
OLYMPIA, WASHINGTON
98501

Publication No. 69-e02

WA-22-4045

TO: Chuck Melville, Don Provost, Files

DATE: October 7, 1969

FROM: Bob Bishop, Ron Lee

Wildcat Creek
SUBJECT: Live-box Bioassay

Three live-boxes, each containing ten coho fry, were placed in Wildcat Creek on October 7, to test for possible toxicity to fish due to glue waste entering the creek from the Simpson Door Co. at McCleary.

The live-boxes were placed at three stations: the control, 50 yards upstream from the ditch from which effluents from the door plant and the McCleary sewage treatment plant enter the creek; 30 yards downstream from the ditch; and 100 yards downstream from the ditch. All fish were alive and active after one week in the creek.

Dissolved oxygen, temperature, and pH were measured at the stations. Insect samples were also taken. Comparison of the data for the three stations indicates a relationship which is typical for organic loading of a stream from a sewage treatment plant like the one at McCleary. The data collected, will serve as a background for any future work on the creek.

BB:RL:lm

10-29-69