

MEMORANDUM
Water Pollution Control Commissior

P. O. Box 829
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WA-22-4045

TO:.....Ron Lee and files.....

DATE:..... March 31, 1970.....

FROM:.....Chuck Melville *cm*.....

SUBJECT:..... Flow Measurement on
Wildcat Creek.....

The stream flows across a long flat slab of concrete under the McCleary Highway bridge, just upstream from the entrance of the ditch carrying the plywood plant effluent. The slab is smooth but cobbled, and has a small amount of moss on it. On a flat section 20 feet wide, the surface flow went a distance of 25 feet in an average of 7 seconds. The average water depth was roughly 3.6 inches. At the end of the slab the flow free falls about 6 inches, unrestricted. The estimated flow rate from this date is 21 *cf*s.

CM:tm