

OFFICE MEMORANDUM



MICHIGAN

STATE HIGHWAY DEPARTMENT

JOHN C. MACKIE, COMMISSIONER

September 13, 1963

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To: E. A. Finney, Director
Research Laboratory Division

From: B. W. Pocock

Subject: Preservative Treatments for Timber Piling, Second Progress Report.
Research Projects R-61 NM-38 and R-61 NM-47. Research Report
No. R-438.

- Timber piles treated with preservative salts and installed in 1962 in the Pine River at St. Clair, were inspected approximately one year after installation on September 6, 1963. Details on the treatment and installation were given in Research Report No. R-400 (November 1962).

No deterioration or damage involving any of the pile clusters was apparent during this inspection; therefore, no photographs were taken. Careful examination through 7 by 50 binoculars, bringing the piles within 6 ft, showed slight leaching of the preservatives near the water level, about the same in all piles regardless of treatment; although leaching of Osmosalts and Boliden salts appeared greater at first glance because of the greenish color of the materials.

All piles had a 1-in. thick coating of green alga-like plant life adhering to the surface below water and extending down to the limit of visibility. The water in the Pine River had a deep green hue suggestive of high alga content.

It is felt that at least another year will be required for any differences caused by different treatments to show up.

OFFICE OF TESTING AND RESEARCH

B. W. Pocock
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