

MEMORANDUM

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Water Pollution Control Commission

WA-56-1010

P. O. Box 829

OLYMPIA, WASHINGTON

98501

TO: Merley McCall, Tom Haggarty, Files

DATE: January 6, 1970

FROM: Ron Lee *RL*

SUBJECT: Cheney Lagoon

The seepage rate of water out of the largest of the three existing Cheney sewage lagoons was calculated to be 0.12 inches per day. The average daily flow rate into the 14-acre lagoon over a two week period was calculated to be 0.623 MGD. The daily flow rate out of the lagoon was 0.560 MGD. A daily evaporation rate constant of 0.05 inches per day (suggested by U.S. Weather Bureau personnel as a representative value for the period of study) was used in the seepage rate calculation.

Raw data would be available upon request.

RL:lm

