

Memo To: Gerry Calkins

From: Allen Moore

Subject: Kelso Water Treatment Plant

Date: January 14, 1975

On October 30, 1974, a grab sample of the filter backwash was taken from the Kelso Water Treatment Plant. This backwash is discharged to the Cowlitz River after it has been chlorinated.

The lab results are:

pH	6.7
Turbidity	39
Total Solids	162
Total Non Volatile Solids	111
Total Suspended Solids	103
Total Suspended Non Volatile Solids	65

Backwashing is done on a regular schedule so concentrations of solids will vary with the quality of the water being filtered at that time. The plant has four filters which are flushed twice a day for a total volume of 72,000 gallons per day.

AM:ee

