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Research & Engineering Center
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Fiber Analysis Program
Status Report

Particle Counting Technique

A new technique, employing radioactive gold, is being tested as a method for determining the total solids on an electron microscope grid. This technique will eliminate the tedious point counting technique now being used and should also improve the accuracy of the method. Preliminary results indicate that the method will be successful.

Municipal Water Systems

After many delays, which were caused by personnel changes and other factors, we are now receiving samples on a regular weekly basis from Glendale, Arizona and Malvern, Pennsylvania. The attached table summarizes the results available to date. Many of the more recent samples are now being processed and should be completed in the near future.

TRANSITE Pipe Test Logs

The current test series, using water of pH 7 and a hardness of 30, will be completed this week. A new series, using water of pH 7 and a hardness of 25, will be started as soon as the pipe can be replaced (one week).

Fiber in Bag

Dr. Spoil will visit the Turner Brothers Laboratory on April 10 to discuss the discrepancies which exist between the two methods. When the possible errors in both methods are considered, we still have about one order of magnitude difference in the fiber content for the same sample.



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