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MODEL 2000 THREE DAY TREND

The Model 2000 Mixed Liquor Analyzer is capable of monitoring both dissolved oxygen and suspended solids. The graph below shows a three day snapshot of a test that was conducted in a standard aeration basin at a WWTP located in South Louisiana. The entire test lasted for one month.

The impact of the diurnal flow pattern on both dissolved oxygen and suspended solids is quite apparent from the collected data. It is also very apparent that the blowers are working a lot harder then necessary to maintain a favorable environment for the microbiology. Significant cost savings (lower electric bills) could be realized by controlling the blowers during low demand periods.

