

**THE PROBLEM OF BULKING SLUDGE IN GREEK WASTEWATER
TREATMENT PLANTS**

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ABSTRACT

The results of a survey for the sludge characterization from 18 Wastewater Treatment Plants (WWTP's) from a period of 4 years (1994-98) are presented. According to the results *M.parvicella* is the dominant filament especially in winter and spring. A seasonal variation in the filamentous growth was observed. A correlation between WWTP's operating parameters and filamentous microorganisms growth is also presented.