

**DETERMINATION OF DISSOLVED AND PARTICULATE MERCURY AT  
THE ACTIVATED SLUDGE PROCESS**

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**ABSTRACT**

The present paper examined the behaviour of dissolved and particulate mercury during the process of activated sludge, as estimated from experiments conducted at an activated sludge pilot plant. The concentration of mercury solution ( $\text{HgCl}_2$ ) introduced into the pilot plant progressively increased until  $500 \mu\text{g}\cdot\text{l}^{-1}$ : where the effects of the mercury contaminated wastewater that was introduced into the pilot plant were examined in relation to several physical, chemical and biological parameters of the activated sludge process.