

## Coulometric investigations stressing biosynthesis of biological sludge during periodic hypo- and hyperoxia

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### Abstract

Total antioxidant activity of industrial biological sludge during extended aeration has been investigated. Influence of periodic hypo- and hyperoxia on antioxidant and catalytic activity of biological sludge has been established. In the article the influence of biological sludge aging on its antioxidant activity has been defined. We have shown the possibility of using periodic airing for water reclamation and stabilization of biological sludge.