

Designing a process flow diagram of wastewater treatment

Farida Rustembekovna Zhandauletova^{a,*}, Toty Sabirovna Sanatova^a,
Asel Amangeldievna Abikenova^a, Kairat Gabbasovich Mustafin^a,
Turkestan Saidahmetovich Baipakbayev^b, Svetlana Evgenievna Mananbaeva^a

^aDepartment of Safety of Work and Engineering Ecology, The Almaty University of Energy and Communications, 126 Baytursynova Str., Almaty 050013, Kazakhstan, emails: zhandauletova.farida@gmail.com, zhrfarida@mail.ru (F.R. Zhandauletova), toty.sanatova@mail.ru (T.S. Sanatova), abikenova.asel@mail.ru (A.A. Abikenova), marat_mustafin@mail.ru (K.G. Mustafin), mananbaeva.svetlana@yandex.ua (S.E. Mananbaeva)

^bPhysics Department, The Almaty University of Energy and Communications, 126 Baytursynova Str., Almaty 050013, Kazakhstan, email: turkestan.baipakbayev@mail.ru

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ABSTRACT

This study provides a new innovative wastewater treatment technology and process flow diagrams of industrial wastewater treatment based on developed technology. These process flow diagrams allow discharging industrial wastewater into the city sewage network and recycling water supply of textile facilities. In general, up to 95% of all wastewater can be reused. Our process flow charts of wastewater treatment and obtained results of experimental studies can be used in designing new and modernizing the existing treatment facilities, as well as in analyzing the wastewater treatment technologies used in worsted and cloth industrial facilities.

Keywords: Wastewater; Advanced treatment; Regeneration; Sorption; Coagulant; Activated carbon

* Corresponding author.