Abstract

Industries cause significant pollution in environment because industries release various types of pollutants in public sewers. Wastewater discharged from industries can adversely influenced the constraints of water and environment of the water body and substantially affects the humankind and natural ecosystem. Effluents discharge from industries contains high amount of salts, the use of oxygen by living oxygen and use of chemicals, ability to dissolve pollutants, harmful mixtures and coloring agents. Now days, treatment of wastewater from industries is a threat to Environment. For the analyses of wastewater from Jotun Paint Industry Pakistan, samples were collected by using composite sampling technique with interval of 5 days. Parameters which were analyzed were COD, BOD, TSS, TDS and Metals. The results of this study shows that the values of these parameters were above permissible limit i.e. NEQ's value for wastewater COD should not more than 400 mg/l but the value of COD were 1920-30,000 mg/l, value of BOD should not more than 150 mg/l, the value of BOD of this sample were more than this value, value of TDS should not exceed 3500 mg/L but results of this experiment shows values of TDS were more than permissible limits, which needs to be minimized through proper techniques. To minimize the values/quantity of these pollutants process of Coagulation/ Flocculation is the foremost way to cater the problem.