

عنوان مقاله:

Determination of levels of heavy metals and physicochemical parameters in waste water of Kasuwan shanu abattoir, Maiduguri

محل انتشار:

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خلاصه مقاله:

Sample of waste water from Kasuwan Shanu abattoir was collected for determination of levels of some heavy metals (Cd, Fe, Mn, Hg, Zn, Ni, Cr) and physicochemical properties. The sample was analyzed according to standard procedures. The results of the study revealed the order of the concentrations of the studied heavy metals as $Ni > Zn > Mn = Hg > Cd > Fe > Cr$. The levels of the heavy metals were above the permissible limits set by WHO except Fe, Mn and Zn which fall within acceptable limits. The physicochemical parameters were also within the permissible limit except turbidity and electrical conductivity values which stood at 34 FTU and 1784 $\mu\text{S/cm}$ respectively, against the 5 .and 1000 $\mu\text{S/cm}$ standard limits for their discharge

کلمات کلیدی:

Kasuwan shanu, Turbidity, Electrical conductivity, Abattoir, concentration

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