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Landfill Leachate Wastewater Treatment by Fenton Process

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Abstract : The leachate wastewater is high contaminant water; hence it needs to be treated. The objective of this research was to determine the Chemical Oxygen Demand (COD) concentration, Phosphate (PO_4^{3-}), Ammonia (PO_4^{3-}), Ammonia (PO_4^{3-}) and color in leachate wastewater in the landfill area. The experiments were carried out in the optimum condition by PO_4^{3-} , the Fenton reagent dosage (concentration of dosing PO_4^{2-} and PO_4^{2-}). The optimum PO_4^{3-} is a positive of this research wastewater (PO_4^{3-}). The optimum PO_4^{3-} is a positive of this research wastewater (PO_4^{3-}). The optimum PO_4^{3-} is a positive of this research wastewater (PO_4^{3-}). The optimum PO_4^{3-} is a positive of this research wastewater (PO_4^{3-}) in the results, the Fenton process shall be investigated further to achieve the removal of phosphates in addition to PO_4^{3-} in the results, the Fenton process shall be investigated further to achieve the removal of phosphates in addition to PO_4^{3-} in the results, the Fenton process shall be investigated further to achieve the removal of phosphates in addition to PO_4^{3-} in the results of $PO_4^{$

Keywords: landfill leachate treatment, open dumpsite, Fenton process, wastewater treatment

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