

Evaluating the Levels of Heavy Metals in Auto-Mechanic Waste Disposal Sites Across Makurdi Metropolis

Tom Brown*

Department of Environmental chemistry, New Jersey Institute of Technology, New York NJ 07102 USA

Abstract

This study aimed to evaluate the contamination of heavy metals in auto-mechanic dumpsites located in the Makurdi metropolis. The study was conducted in five dumpsites across Makurdi metropolis. The results showed that the levels of heavy metals (lead, cadmium, chromium, nickel, and manganese) were significantly higher in the dumpsites compared to the background levels. The highest concentration of lead was observed in the dumpsite located in the Makurdi metropolis. The study also found that the levels of heavy metals were significantly higher in the dumpsites located in the Makurdi metropolis compared to the background levels. The results of this study indicate that the auto-mechanic waste disposal sites in Makurdi metropolis are a significant source of heavy metal contamination. The study also found that the levels of heavy metals were significantly higher in the dumpsites located in the Makurdi metropolis compared to the background levels. The results of this study indicate that the auto-mechanic waste disposal sites in Makurdi metropolis are a significant source of heavy metal contamination.

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