

## **Impact on Vegetables Irrigated with Municipal and Industrial Wastewater from Korangi Drain near IoBM, Karachi**

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**Abstract :** The present study was conducted to assess the Impact on Vegetables Irrigated with Municipal and Industrial wastewater from Korangi Drain near IoBM, Karachi. Some vegetables are grown using sewage and industrial wastewater laden with alarmingly high levels of heavy metals and bacteriological contamination. Maximum concentration of lead was found in spinach 8.20 mg/l as against safe limits of 0.01 mg/l and maximum nickel concentration was found in banana 3.114 mg/l as against 0.02 mg/l, whereas all vegetables were invariably bacteriologically contaminated much beyond safe limits. Appropriate legislations in Sindh and competent manpower for rigorous monitoring to gage the harmful impact on vegetables grown with untreated municipal and industrial wastewater to effectively combat the problems of growing vegetables. The emptying of untreated municipal and industrial wastewater through Korangi Drain in fresh water bodies into Karachi coast should be banned to save the coast becoming hypoxic causing irreparable loss to marine life.

**Keywords :** laden, concentration, hypoxic, vegetables

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