

NEERI to study pollution at Kanjur dump

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Following directions from the Bombay High Court, the BMC will appoint the National Environmental Engineering Research Institute (NEERI) to investigate foul odour, air pollution and recurring fire incidents at the Kanjurmarg dumping ground. NEERI will conduct a two-year scientific study to detect methane emissions, assess air quality



and odour levels, and identify other pollutants in surrounding areas. The study is estimated to cost ₹3.01 crore.

Mumbai generates around

6,300 metric tonnes (MT) of waste daily, with nearly 90% processed at the Kanjur facility. Around 1,000 MT is handled through windrow

composting and 5,300 MT through bioreactor technology.

The proposal to appoint NEERI has been placed before the BMC Standing Committee for consideration. The institute will assess methane emissions from waste mounds, identify leakage points and quantify emissions using ground sensors, drone surveys, satellite imagery and GIS mapping.

The move follows concerns raised by the Bombay High

Court during a PIL hearing, when it referred to a UCLA study highlighting potential methane emissions from the facility and called for scientific assessment. The study will have two components: ₹2.11 crore for methane assessment and ₹90 lakh for monitoring air pollution, odour-causing gases and volatile organic compounds (VOCs) in residential areas. The assessment will cover pre-monsoon, monsoon and post-monsoon periods.