

Sandip Foundation's
Sandip Polytechnic, Nashik
Civil Engineering Department

NOTICE

Date: - 04.04.2023

All Third Year students are hereby informed that we are going to organized visit under subject "**Solid Waste Management**" for the better understanding the process of management of municipal solid waste, so kindly attain visit.

Name of Coordinator: - Prof. V. N. Nikam

Mobile Number: - 9158503274



Prof. V. N. Nikam
HOD

Summary on Visit Report

1. **Name of College:** - Sandip Polytechnic, Nashik.
2. **Name of Department:** - Civil Engineering.
3. **Date of visit:** - 05.04.2023
4. **Visit under subject:** - Solid Waste Management.
5. **Location of visit:** - Nashik Waste Management Private Limited, Vilholi, Nashik.
6. **Purpose of visit:-**

The primary goal of solid waste management is reducing and eliminating adverse impacts of waste materials on human health and the environment to support economic development and superior quality of life. This is to be done in the most efficient manner possible, to keep costs low and prevent waste buildup. To understand the process of waste management, we have organized one day visit.

After visit we come to know that how the management of municipal waste is done at the Solid Waste Management plant.

7. **Functional Elements of the Waste Management System”-**

There are six functional components of the waste management system, as outlined below:

1. **Waste generation:** This encompasses any activities involved in identifying materials that are no longer usable and are either gathered for systematic disposal or thrown away.
2. **Onsite handling, storage, and processing:** This relates to activities at the point of waste generation, which facilitate easier collection. For example, waste bins are placed at sites that generate sufficient waste.
3. **Waste collection:** A crucial phase of waste management, this includes activities such as placing waste collection bins, collecting waste from those bins, and accumulating trash in the location where the collection vehicles are emptied. Although the collection phase involves transportation, this is typically not the main stage of waste transportation.
4. **Waste transfer and transport:** These are the activities involved in moving waste from the local waste collection locations to the regional waste disposal site in large waste transport vehicles.
5. **Waste processing and recovery:** This refers to the facilities, equipment, and techniques employed to recover reusable or recyclable materials from the waste stream and to improve the effectiveness of other functional elements of waste management.
6. **Disposal:** The final stage of waste management. It involves the activities aimed at the systematic disposal of waste materials in locations such as landfills or waste-to-energy facilities.

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PHOTOS



