SOLID WASTE MANAGEMENT IN KOHIMA

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Solid waste management is one of the most neglected urban services. It has lacked due attention in India and its urban areas. Solid waste Management (SWM) is one of the important obligatory functions of Urban Local Bodies in India. Implementation of Municipal Solid Waste (Management and Handling) rules 2000 by August 31 2003 by ULBs has become a distant dream. This service falls far short of desired levels resulting in problems of health, sanitation and environmental degradation.
INTRODUCTION TO THE STUDY AREA

ORIGIN AND HISTORY

1878: KOHIMA ESTABLISHED AS CHIEF ADMINISTRATIVE CENTRE
1881: THE DISTRICT OF KOHIMA ESTABLISHED AS A SUB-DIVISION OF FORMERLY NAGA HILLS DISTRICT WITHIN ASSAM
1957: UNION TERRITORY BY AN ACT CALLED THE NAGA HILLS TUENSANG AREA ACT OF 1957
1963: NAGALAND BECAME A FULL-FLEDDGED STATE WITH KOHIMA AS ITS CAPITAL
KOHIMA MUNICIPAL AREA CONTEXT

- Kohima Municipal Council is a young body
- Kohima city has been increasing in population due to its administrative importance, trade and commerce
- The natural topography is a constraint
- Kohima receives heavy rainfall most part of the year
- Health and environmental concern related with solid waste
- Aspiration for better services and improved quality of life
INTRODUCTION OF KMC AREA

LOCATION
- Kohima lies between 94' 5' 11" to 94'7'12" East Latitudes and 25'28'20" to 25'31'51" North Latitudes.
- It is situated on the Dimapur to Imphal NH 39.

TOPOGRAPHY
- Rugged and hilly terrain.
- Mean elevation of the city is 1468 M (ranges from 150M - 3000M).
- Lies in seismic Zone V.
- Prone to landslides due to heavy rainfall.

REGIONAL LINKAGES

ROADS
- Three national highways 39, 61, and 150. Well connected with state capitals of neighboring states.

RAIL
- Nearest railway head is at Dimapur, the largest urban center and commercial capital which is 74 km away.

AIRPORT
- Nearest airport is at Dimapur and connected directly with Kolkata and Guwahati.

KOHIMA MUNICIPAL COUNCIL
- Area: 10.98 SQKM
- Population: 146914 (2011)
- No of wards: 19

89.6% OF THE POPULATION CONSTITUTE SCHEDULED TRIBE(ST) POPULATION 100% OF BPL ARE FROM THE ST POPULATION.
EXISTING SOLID WASTE MANAGEMENT MECHANISM

• Present Generation of waste is 60 tonnes/day @ 408 gram/capita/day (Source: KMC)

• The Solid Waste Management in Kohima Municipal Council is decentralized with the involvement of all the Panchayats/communities in all the colonies

• Door to door collection of waste

• An amount of Rs 1/- per day per HHs is collected by the Panchayats

• Disposal of Waste at a distance of about 15 KMs on NH 150
PROBLEMS FACED

Garbage not collected on time
PROBLEMS FACED

Choked Drains
PROBLEMS FACED

Health Hazard to the Workers
PROBLEMS FACED

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DUMPING SITE:

- Old dumping site on NH 39 affected by landslide and has been abandoned

- New Sites have been procured a number of times by the KMC but problems have cropped up due to complaints by the adjacent land owners.
A modern Landfill site is under construction below Lerie with loan assistance by Asian Development Bank which will be completed within the next 12 months.
THANK YOU