

GOOD
AFTERNOON AND WELCOME
EVERYONE





FORUM OF CITIES THAT SEGREGATE ASSESSMENT MEETING

(7TH JUNE, 2018)

NEW DELHI

GANGTOK MUNICIPAL CORPORATION

IMPROVEMENT IN STATUS OF WASTE MANAGEMENT SINCE DECEMBER 2017

* Segregation in percentage

Segregation from July 2016 to December 2018	Segregation as of April 2018
30%	75%
Number of wards where segregation was undertaken till December 2017.	Number of wards where segregation has been implemented as of April 2018.
2 wards out of 17 wards	14 wards out of 17 wards.

PROCESSING :

- Segregated waste is treated by processing plant,
 - Recyclable waste is sold to scrap dealers.
 - The inert waste is dumped in the landfill site.
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- Disposal- Out of 45 to 50 MT tons approx 10 tons are disposed daily in the landfill site.

IMPROVEMENT IN THE FOLLOWING:

- ❖ Does the city have bye-laws as per the SWM RULES, 2016?
➤ **Framing of bye-laws is still in process.**
- ❖ The penalty for littering are as follows:
➤ **Use of plastic is Rs. 5000.**
➤ **Imposition of Littering fine from Rs.200 to Rs.5000.**
➤ **Smoking in public area and spitting fine Rs.200.**
- ❖ Ban on plastic is a mandatory condition implemented through trade license.
- ❖ Stakeholders at various tourist spots have willingly started to participate in cleanliness drives.
- ❖ Participation in the Himalayan Clean Up Drive on 26th May, 2018. After Proper segregation of the waste collected, Brand Audit was conducted.

- **GARBAGE TRUCKS WITH UNSEGREGATED WASTE IS NOT ALLOWED TO DUMP GARBAGE IN THE LANDFILL SITE.**
- **TWO GIRL SCHOOLS HAS BEEN IDENTIFIED TO INSTALL MACHINES THAT INCENERATES SANITARY NAPKINS.**
- **EVERY SECOND SATURDAY CLEANUP DRIVE IN VARIOUS TOURIST SPOTS BY THE STAKE HOLDERS ARE TAKEN UP.**
- **A COMPOST PLANT HAS BEEN INSTALLED IN THE VEGETABLE MARKET/MANDI AND ALL THE WET WASTE ARE PROCESSED INTO COMPOST WHICH ARE EVENTUALLY SOLD.**

HAS THE ULB ADOPTED DECENTRALISED WASTE MANAGEMENT SINCE DECEMBER 2017?

- **AROUND 500 HOUSEHOLDS ACROSS 17 WARDS UNDER GMC HAS STARTED DECENTRALISATION OF WASTE MANAGEMENT.**
- **IN EVERY WARD 30 ECO-BINS HAS BEEN DISTRIBUTED BY THE COUNCILLORS AND CONVERSION OF HOUSEHOLD WASTE INTO COMPOST IS BEING ENCOURAGED.**

MAJOR GAPS AND CHALLENGES OF SOURCE SEGREGATION

- ✓ **Cold weather.**
- ✓ **Hilly Terrain, narrow roads.**
- ✓ **Powerful Trucks with large bins to be used.**
- ✓ **Trucks cannot reach all the Wards hence waste are manually carried from far away households.**
- ✓ **The heavy monsoon rains causes major clogging of drains and road blocks primarily due to landslides.**
- ✓ **More awareness programs about the importance of segregation needs to be organised.**

PLASTIC WASTE MANAGEMENT IN SIKKIM

- TRAINING AS ALTERNATIVE LIVELIHOOD FOR WOMEN USING RECYCLABLE MATERIALS, FUNDED BY ADB.
- LOCAL ENTERPRANUERS COMMING UP WITH PRODUCTS TO REPLACE PLASTICS.
- HIMALAYAN CLEAN UP DRIVE AND BRAND AUDIT CARRIED OUT ON 26TH MAY 2018.
- BUY BACK POLICY BY SIKKIM MILK UNION.



HIMALAYAN CLEAN UP DRIVE AND BRAND AUDIT. 26/5/2018

GOVT. NOTIFICATION ON STYROFOAM BAN

SIKKIM



GOVERNMENT

GAZETTE

**EXTRAORDINARY
PUBLISHED BY AUTHORITY**

Gangtok

Saturday 28th May, 2016

No. 195

**GOVERNMENT OF SIKKIM
HOME DEPARTMENT
GANGTOK**

No: 26/ Home/2016.

Dated: 19/05/2016

NOTIFICATION

Whereas the Government has been initiating various measures to manage the waste and maintain a clean environment, it has been found that a lot of disposable styrofoam items are being rampantly used not only in the bazaar areas but also in the rural areas. The result is that a huge quantity of municipal waste is created in the form of used Styrofoam and other disposable products. These products are environmentally hazardous and occupy a huge space in our landfill. It is also not healthy to eat especially hot items in the styrofoam containers.

Therefore, the government is pleased to ban the sale and use of disposable items, such as, cups, plates, spoons, containers etc made from Styrofoam throughout the state with immediate effect.

By order and in the name of the Governor of Sikkim.

**Alok K. Shrivastava, IAS
Chief Secretary
Government of Sikkim
File No. GOS/RMDD/2015-16/157/SAN**

GOVT. NOTIFICATION ON PLASTIC WATER BOTTLES BAN

SIKKIM



GOVERNMENT

GAZETTE

**EXTRAORDINARY
PUBLISHED BY AUTHORITY**

Gangtok

Saturday 28th May, 2016

No. 194

**GOVERNMENT OF SIKKIM
HOME DEPARTMENT
GANGTOK**

No: 25/Home/2016.

Dated: 19/05/2016

NOTIFICATION

There has been rampant use of packaged drinking water during departmental meetings and functions, which is creating a huge quantity of garbage which adds to the burden of the landfill.

Therefore, in order to reduce creation of garbage in the form of used drinking water plastic bottles, it is notified that the packaged drinking water bottles may not be used during any government meetings or functions. As an alternative, it is suggested and encouraged to all the departments to use filtered water or water from large reusable water dispensers or to use reusable water bottles in government functions, thereby, avoiding the use of packaged/bottled drinking water.

By order and in the name of the Governor of Sikkim.

**Alok K. Shrivastava, IAS
Chief Secretary
Government of Sikkim
File No. GOS/RMDD/2015-16/157/SAN**

GOVT. NOTIFICATION ON PROHIBITION OF BURNING OF AGRICULTURAL WASTE, LEAVES, LITTER, PAPER WASTES AND GARBAGE

GOVERNMENT  **GAZETTE**
EXTRAORDINARY
PUBLISHED BY AUTHORITY

Gangtok **Tuesday 27th January, 2015** **No.13**

GOVERNMENT OF SIKKIM
FORESTS, ENVIRONMENT & WILDLIFE MANAGEMENT DEPARTMENT

No.196/FEWMD

Dated. 5.1.2015

NOTIFICATION

In exercise of the powers conferred by sub-section (5) of section 19 of the Air (Prevention and Control of Pollution) Act, 1981 (14 of 1981), the State Government in consultation with the State Pollution Control Board-Sikkim, hereby prohibits the burning of agricultural waste, leaves, litter, paper wastes and garbage within the State of Sikkim with immediate effect.

This prohibition shall, however, not cover the use of processed agricultural wastes, leaf litter, and garbage as fuel and controlled burning of forest litter for the purpose of scientific management of forest fires.

Dr. Thomas Chandy
Principal Secretary-cum-PCCF,
Forests, Environment and Wildlife Management Department,
Govt. of Sikkim.
File No. GOS/541/SPCB



THANK YOU