

**Status of compliance of the directions of  
HON'BLE NATIONAL GREEN TRIBUNAL**

**in**

**O.A. NO. 606/2018**

**in the matter of compliance of**

**MANAGEMENT OF MUNICIPAL SOLID WASTE &  
LIQUID WASTE (SEWAGE)**

**Date : 18.08.2022**

**CHANDIGARH ADMINISTRATION**



**ISSUE – 1:**  
**SOLID WASTE MANAGEMENT**

# SUMMARY

## Chandigarh City

- **ULB – 01**
  - No. of Wards - 35
  - **Daily Waste Generation - 550 TPD**

Quantity of waste generation in the State (in TPD)	Waste Processed (in TPD)	Gap in generation & Processing (in TPD)	Quantity of waste being disposed in landfills (in TPD)	No. of Legacy waste dump sites	No. of sites covered through Bio mining and correspondingly Area recovered
550	120 TPD of wet waste	430	430 TPD on current landfill site of 8 acres.	01 (20 acre) (No longer in use for the purpose of dumping)	Out of <b>5 Lakh MT</b> , <b>4.25 Lakh MT</b> has been bio-mined & remaining 0.75 Lakh MT will be <b>completed by Dec, 2022</b> .  Area of land reclaimed is <b>15 acres</b> .

# DAILY WASTE GENERATION

- **Wet Waste - 350 MT** (inclusive of 20 MT horticulture waste)

- **Dry Waste - 200 MT** 
  - 2 - 4 MT Domestic Hazardous waste
  - 0.5 - 1 MT Sanitary Waste

# Segregation, Collection & Transportation MSW

- **100% door to door waste collection** in residential areas by 585 number of GPS installed compartmentalized vehicles.
- **100 % segregated MSW** gathered into **four categories**
  - Dry waste
  - Wet waste
  - Sanitary waste &
  - Domestic hazardous waste
- **Garbage collecting vehicles** have got **separate compartments**
- **Market areas** - colour coded bins installed for waste collection under **three categories** viz. **Dry, Wet & Hazardous waste**.
- **All Bulk Waste Generators (26 Nos.)** are **managing their wet waste** within their premises.

# Waste Processing Facility

	Number	Installed Capacity	Waste Processing (TPD)
Bio-methanation plant (for mandi waste)	1	5 TPD	Retrofitting and augmentation of machinery is to be completed by 25.08.2022.
Compost plant (for wet waste)	1	300 TPD	<ul style="list-style-type: none"> <li>• Current Processing is 120 TPD.</li> <li>• Existing plant will be upgraded by 01.11.2022.</li> </ul>
Horticulture Waste Processing Plant	1	20 TPD	Being set up & will be functional by November, 2022.
Waste to Energy plant (RDF plant for dry waste)	1	500 TPD	<ul style="list-style-type: none"> <li>• Under upgradation process.</li> <li>• <b>Work order</b> issued on <b>15.07.2022</b> &amp; will be operational by 01.11.2022.</li> </ul>

# Waste Processing (contd.)

- **SANITARY WASTE** collected at MRFs is processed by **the authorized Bio-Medical Waste Treatment Facility in Chandigarh from 03.08.2022.**
- **DOMESTIC HAZARDOUS WASTE** collected at MRFs will be lifted, treated & disposed of by facility namely **M/s Ramky Enviro Engineers Limited (REEL)** located at village Nimbua, Punjab. Agreement already signed with the facility.

# Prospective Plan

- **A new landfill site of approx. 07 acres will be established & operational by 31.10.2022.**
- For better management & to overcome all the issues related to **solid waste processing**, MCC is in process to setup **Integrated Solid Waste Processing & Management System.**

# Good Practices

- **Mass awareness** program for **100% segregation of waste at source** in 04 categories.
- Complete ban imposed on **Single-use Plastic / Thermocol** items from September, 2019. Implemented through regular awareness & challaning.
- Once Horticulture waste processing plant is operational, the **pellets** produced, will be used at **crematorium** thereby **reducing usage of wood**.
- **Coconut shell** waste is being separately collected & shredded. A rope making machine will be installed by 30.10.2022 for making ropes from shredded material.

**ISSUE – 2:**  
**SEWAGE MANAGEMENT**

# Summary

Quantity of sewage generation in the State (MLD)	Treatment capacity of STPs (MLD)	Present Utilization Capacity of STPs (MLD)	Current Gap in treatment Capacity (MLD)	Utilization of treated sewage (MLD)		
				Agriculture/ Horticulture Purpose	Industrial purpose	Any other purpose
<b>220</b>	<b>242.63</b>	<b>216.75</b>	<b>NIL</b>	<b>36 – 45</b>	<b>-</b>	<b>-</b>

# Sewage Treatment Plants

SN	Location of STP	STP installed capacity (MLD)	Actual utilization of installed capacity (MLD)	Performance (July)
1	Diggian	135	130	<p>STPs at Sr. No. 2,5,6 and 7 are complying with the latest standards.</p> <p>Rest of the STPs are under up-gradation to meet with the latest norms.</p>
2	3 BRD	50	43	
3	Raipur Kalan-I	22.5	22.5	
4	Raipur Khurd	5.6	5	
5	Dhanas	7	2	
6	Maloya	22.5	13	
7.	Raipur Kalan-II	5.6	1.25	

**Thank You**