

Email

Vivek Pandey

Submission of annual report on Plastic waste Management Rules, 2016 for the calender year 2019-regarding.

From : Amrit Pal Singh <mohmcc-chd@nic.in>

Tue, Dec 29, 2020 02:57 PM

Subject : Submission of annual report on Plastic waste Management Rules, 2016 for the calender year 2019-regarding.

To : Vivek Pandey <cpcc-chd@nic.in>

Respected Sir/Madam,

In reference this office memo No. MOH/SS/2020/6431 dated:21.07.2020 regarding the subject cited case, the figure of 6746.36 tons may be treated as 11497.5 tons in the point No. 14 (Quantity of plastic waste collected during the year 2019) i.e 7% of 164250 tons
This is for your information please.

Regards
O/o MOH MC Chandigarh

Municipal Corporation Chandigarh
(Medical Officer of Health)



To

✓ The Member Secretary,
Chandigarh Pollution Control Committee,
Paryavaran Bhawan, Madhya Marg
Sector-19B, Chandigarh.


Memo No. MOH/ SS/2020/ 6431
Dated: Chandigarh, 21/7/2020

**Subject: Submission of Annual Report on Plastic Waste Management Rules
2016 for the Calendar Year 2019.**

Reference to your letter no. CPCC/PWM/2020/3773 dated 10.07.2020 on
the subject cited above.

Please find enclosed an annual report on implementation of Plastic Waste
Management Rules 2016 for the Calendar Year 2019 in the prescribed form No. V duly
approved by the Commissioner, Municipal Corporation, Chandigarh for information and
necessary action please.

Encl. Annual Report


Medical Officer of Health,
Municipal Corporation,
Chandigarh.

ACF (i)

Form-V
(See rule 17(2))
**FORMAT FOR ANNUAL REPORT ON PLASTIC WASTE MANAGEMENT TO BE
SUBMITTED BY THE LOCAL BODY**

Period of Reporting: 2019

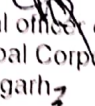
1.	Name of the City or Town and State	Chandigarh																	
2.	Population	1055450 Lacs as per census 2011																	
3.	Area in sq. Kilometers	114 Sq. KM.																	
4.	Name & Address of Local body	Commissioner, Municipal Corporation, Chandigarh, New Deluxe building, Sec-17-E, Chandigarh.																	
	Telephone no.	Tele. No:- 0172-5021402																	
	Fax No.	--																	
	E-mail	E-mail:-comm-mcc-chd@nic.in,																	
5.	Total Numbers of the wards in the area under jurisdiction	26 wards																	
6.	Total Numbers of Households in the area under jurisdiction	234033 (urban) (as per year 2011 census)																	
7.	Number of households covered by door to door collection	233000 approx.																	
8.	Total number of commercial establishment and Institutions in the area under jurisdiction -Commercial establishments -Institutions	<table border="1"> <tr> <td>Shop/offices</td> <td>24232</td> </tr> <tr> <td>Schools/Colleges etc.</td> <td>695</td> </tr> <tr> <td>Hotel/Lodge/</td> <td></td> </tr> <tr> <td>Guest house etc.</td> <td>506</td> </tr> <tr> <td>Hospitality/Dispensary etc</td> <td>366</td> </tr> <tr> <td>Factory /Workshop/ Work shed etc.</td> <td>2766</td> </tr> <tr> <td>Place of worship</td> <td>450</td> </tr> <tr> <td>other non-residential use</td> <td>13,380</td> </tr> </table>		Shop/offices	24232	Schools/Colleges etc.	695	Hotel/Lodge/		Guest house etc.	506	Hospitality/Dispensary etc	366	Factory /Workshop/ Work shed etc.	2766	Place of worship	450	other non-residential use	13,380
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		(As per census report of year 2011)																	
9.	Numbers of commercial establishments and Institutions covered by door to door collection -Commercial establishments -Institutions	32186																	
10.	Summary of the mechanisms put in place for management of plastic waste in the area under jurisdiction along with the details of agencies involved in door to door collection	<p>The door to door collectors are collecting waste from households, Commercial establishments etc. They have been integrated by the Municipal Corporation Chandigarh and occupation certificates issued to them. (1447 Nos.). Some of the RWAs have engaged door to door collectors at their own level.</p> <p>However, at present the MSW of the city (including plastics) is being sent to the garbage processing plant for processing it into RDF and compost.</p> <p>In addition to it, the Sanitary Inspectors conduct regular raids against the use of polythene carry bags and other allied items in the city under the supervision of their respective SDMs, from time to time. The MCC has issued 2257 nos. of Challans and also</p>																	

12.	Attach details of infrastructure required, if any along with justification	<p>One plant for Conversion of Post-Consumer Mixed waste, plastics from Municipal Solid Waste into fuel/Oil Hydrocarbons Derivatives of capacity 10 TPD on PPP mode is required.</p> <p>In order to make city bin free the Municipal Corporation is in progress to collect and transport MSW directly to the processing plant for which more fast moving vehicles and additional manpower are required.</p>
13.	Quantity of plastic waste generated during the year from area under jurisdiction (in tons)	No separate mechanism is in place to measure the quantity of plastic waste generated. However, as per study made the composition of plastic waste is 7% in Chandigarh. Thus, the total plastic waste generated during the year 2019 comes to <u>11497.5 tons</u> . (i.e. 7% of 164250 tons).
14.	Quantity of plastic waste collected during the year from area under jurisdiction (in tons)	<u>11497.5 tons</u> .
15.	Quantity of plastic waste channelized for recycling during the year (in tons)	The Municipal Solid Waste is collected by the door to door collectors, engaged by the Resident Welfare Associations, NGOs and Private Operators and now these door to door collectors have been integrated by MC Chandigarh and occupation certificate has been issued to them. They have made two compartments in their cycle rickshaw carts to keep the wet and dry garbage in separate compartment. Thereafter, these door to door collectors further do the sorting of useful components from the Municipal Solid Waste i.e. plastics, metals etc. and further transport it through their cycle rickshaw carts to the various bins/Sehaj Safai Kendras located in the city. The recyclable plastic is sorted by door to door collectors and sell to the private vendors at their own as such the quantity of recycle plastic waste cannot be assessed.
16.	Quantity of plastic waste channelized for use during the year 2019 (in tons)	As above at Sr.No.15.
17.	Quantity of inert or rejects sent to landfill sites during the year 2019 (in tons)	61627.437 MTPA
18.	Details of each of facilities used for processing and disposal of plastic waste	A MSW waste processing facility has setup (i.e. Waste to RDF) in which mixed waste (including plastic) is being processed by the said plant by converting into RDF.
	Facility-I	
i	Name of Operator	Nil
ii)	Address with Telephone Number or Mobile	Nil
iii)	Capacity	Nil

iv)	Technology used	Nil																											
v)	Registration Number	Nil																											
vi)	Validity of Registration (up to)	---																											
Facility-II																													
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19	Give details of: Local body's own manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.	As at Sr.No.11 above.																											
20	Give details of: Contractor or concessionaire's manpower deployed for collection including street sweeping, secondary storage, transportation, processing and disposal of waste.	Outsourced Manpower as under:- <table border="1"> <thead> <tr> <th>S.No</th> <th>Designation</th> <th>Nos.</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Sanitary Inspector (C)</td> <td>29</td> </tr> <tr> <td>2.</td> <td>Drivers (LMV)</td> <td>105</td> </tr> <tr> <td>2.</td> <td>Drivers (Heavy)</td> <td>90</td> </tr> <tr> <td>3.</td> <td>Helpers-cum-safai-Mitra</td> <td>117</td> </tr> <tr> <td>4.</td> <td>Sanitation Supervisor</td> <td>4</td> </tr> <tr> <td>5.</td> <td>Safaikaramcharis (O.S)</td> <td>1254</td> </tr> <tr> <td>6.</td> <td>Safaikaramchari by M/s Lions Services Ltd (C)</td> <td>1070</td> </tr> <tr> <td></td> <td>Total</td> <td>2669</td> </tr> </tbody> </table>	S.No	Designation	Nos.	1.	Sanitary Inspector (C)	29	2.	Drivers (LMV)	105	2.	Drivers (Heavy)	90	3.	Helpers-cum-safai-Mitra	117	4.	Sanitation Supervisor	4	5.	Safaikaramcharis (O.S)	1254	6.	Safaikaramchari by M/s Lions Services Ltd (C)	1070		Total	2669
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21	Mention briefly, the difficulties being experienced by the local body complying with provision of these rules including the financial constrains, if any	Though the Central Government as well as the local Government is conducting IEC activities still the residents are using plastic. For effective compliance of the Rules more manpower and infrastructure is required and more IEC activities are required to educate residents/citizens against the use of plastic and its bad effects.																											
22	Whether an Action Plan has been prepared for improving solid waste management practices in the city? If yes (attach copy) Date of revision:	<p>Yes, the Municipal Corporation Chandigarh has prepared/notify "Chandigarh Solid Waste Management Policy" 2018 vide Notification No.F-II(9)-2018/13581 dated 04.09.2018 and also notified "Municipal Corporation Solid Waste Management Bye-Laws 2018 vide notification no. FII(9)-2019/4678 dated 18th March 2019 Bye-Laws (Copy attached).</p> <p>1. Further, Municipal Corporation have been constructed 04 Nos. Transfer Stations.</p> <p>2. MCC has purchased 99+36 Nos. Garbage tippers of 3.2 cum capacity for catterring un-attended areas and 13 villages recently transferred to MC for collection of Municipal waste in a segregated manner</p>																											

capacity for collection of MSW from Commercial area of the city is in under process.
4. 04 Nos. of Automatic Material Recovery Facility (MRF) for sorting/segregation of dry waste are already in place at sector-4, 30, 39 and 51.

Place:
Date:-


Medical officer of Health
Municipal Corporation
Chandigarh

MINUTES OF THE MEETING OF THE STATE LEVEL ADVISORY BODY (SLAB) CONSISTED IN ACCORDANCE WITH SOLID WASTE MANAGEMENT RULES 2016 HELD ON 18.09.2019 at 10.15 A.M. UNDER THE CHAIRMANSHIP OF SH. ARUN KUMAR GUPTA, PRINCIPAL SECRETARY LOCAL GOVERNMENT, U.T. CHANDIGARH IN THE COMMITTEE ROOM 4TH FLOOR, UT. SECRETARIAT, CHANDIGARH.

The following were present:

1. Sh. K.K Yadav IAS, Commissioner, Municipal Corporation, Chandigarh.
2. Sh. T.C.Nautiyal, IFS Member, Secretary, Chandigarh Pollution Control Committee, Chandigarh
3. Sh. S.K. Jain HCS, Additional Commissioner-II, Municipal Corporation, Chandigarh.
4. Sh Harjit Singh Sandhu, Director Industries, UT Chandigarh.
5. Sh.Manoj Bansal, Chief Engineer, Municipal Corporation, Chandigarh.
6. Sh V.K. Hatwal, Additional Director Regional Office, MoEF &CC Sector 31, Chandigarh.
7. Dr Reji B, for Director Census Operation, Sector 19, Chandigarh.
8. Dr. Dheeraj Sanghi, Director Punjab Engineering College, UT Chandigarh.
9. Dr.Geeta Arora, Associate Prof., P.E.C. Chandigarh.
10. Sh Varun Beniwal, Assistant Labour Commissioner, UT, Chandigarh.
11. Dr. Amritpal Singh , Medical Officer of Health, Municipal Corporation Chandigarh.
12. Smt. Parminder Kaur, BDPO for o/o Director Rural Development & Panchayat, Chandigarh.
13. Sh. M. P. Singh, Planning Officer for Senior Town Planner, U.T., Chandigarh.
14. Sh. Gurmail Chand, Supervisor for Director Agriculture U.T., Chandigarh.

At the outset of the meeting Sh. Kamal Kishor Yadav IAS, Commissioner, Municipal Corporation, Chandigarh thanks to the Principal Secretary Local Government for giving his valuable time for holding today's meeting of State Level Advisory Body (SWM) and welcomed all the members present in the meeting.

The Commissioner, Municipal Corporation, MC, Chandigarh briefed the members that last meeting of the State Level Advisory Body (SWM) was held on 13-11-2015 and action taken report of the minutes are placed before the member and point wise discussion took place is as under:-

- 1 That the Chandigarh Administration has already notified the 'Chandigarh Solid Waste Management Policy' on 04-09-2015 and its amendment was notified on 20-12-2015.
- 2 That Chandigarh Administration has already notified Municipal Corporation, Chandigarh "Solid Waste Management Bye Laws-2015" vide notification dated 18-03-2019.
- 3 That the door to door collection of waste in a segregated manner has been started in 10 Nos. villages out of the 13 Nos. villages recently merged in the MC, Chandigarh. The Principal Secretary, Local Government raised his concern whether the door to door segregation is done in all wards of the city. The Commissioner, MC, Chandigarh said that door to door to collection of waste in a segregated manner has started in all parts of the city.

- 4 The Chief Architect, Department Chandigarh Administration of Urban Planning has intimated that in the Chandigarh Master Plan 2031 the department has already given its recommendation regarding Solid Waste Management under heading management in apartments and societies.
- 5 The Commissioner, MC, Chandigarh apprised that MC, Chandigarh has purchased 100 Nos. vehicles for the collection of door to door waste in a segregated manner from villages recently merged with the MC, Chandigarh. One extra bin has been placed in these vehicles for the collection of domestic hazards.
- 6 The Commissioner apprised that MC, Chandigarh is in process to make EWS Colony Maloya as a Model Colony i.e. Zero Waste Colony. The MC, Chandigarh will install Wet Processing Plant in the colony and dry waste will be segregated for its final scientifically disposal. The MC, Chandigarh has following wet waste processing facilities:-
- (i) Home Composting -13000 Nos.
 - (ii) Parks(Hort. Waste) -101 Nos.
 - (iii) JP Plant -300 TPD


The Commissioner, MC Chandigarh has explained that one kanal land is required for the installation of plant for composting of wet waste. The Principal Secretary welcomed the idea and asked the Commissioner to explore and installed one plant at the earliest.

- 7 The Commissioner, MC, Chandigarh has apprised that regular checks are being taken to insure not to burn dry leaves/solid waste and order to this effect has been issued on 12-3-2019. Further, no incident of burn of dry leaves reported.
- 8 Informal training are being imparted by the Sanitary Inspector to waste picker/waste collector for segregation of waste at source and not to burn dry leaves/solid waste.
- 9 The Commissioner, MC, Chandigarh apprised that 39 Nos. Sehaj Safai Kendra's (SSKs) are already running for secondary storing waste. The Principal Secretary, Local Govt. asked whether there is any planning to increase the number of SSK? The Commissioner apprised that MC, Chandigarh is planning to collect waste from door to door on motorized vehicle and when the project will fully implemented there is no need of SSKs.
- 10 The Commissioner, MC, Chandigarh apprised that the MC, Chandigarh has land fill site spread over 8 acre. The total land available for dump site is 45 acre. The MC, Chandigarh is in process for legacy mining by which about 0.5 million MT waste will be cleared and about 15% inerts will be generated and same will be dumped at Landfill site. Further, Municipal Corporation Chandigarh is in process for the collection and disposal of leachate at dump site, the DPR is under process.

- 11 That the Commissioner, MC, Chandigarh apprised that the M/s GAS AUTHORITY OF INDIA (GAIL) has provided 300 Nos. twin bins, 400 Nos. Stainless Steel bins and 64 Nos. Rehris under CSR funding during the last year further the GAIL has allocated Rs.133 Lacs to give aid to MC, Chandigarh under CSR funding against which Rs.113 Lacs will be used for tippers and Rs. 20 Lacs for rehris.
- 12 That the Commissioner, MC, Chandigarh said that C&D plant is operational w.e.f. 15-5-2019 at Industrial Area phase-I Chandigarh. The plant is processing 90MT C&D waste daily. The Municipal Corporation has provided vehicle for the lifting of the C&D @ Rs 1000 per trip minimum two trips. Public notice to this effect has been issued in Today's local newspaper.
- 13 A Bio-methanation Plant having capacity of 5 TPD is working in Industrial Area Ph-I, Chandigarh and its O&M is outsourced. The Principal Secretary, Local Government directed to expedite the process to avail consent to operate bio-methanation plant from CPCC at the earliest.
- 14 The Commissioner MCC apprised that compost is produced in 101 Nos. Parks/gardens by the horticulture wing of the MCC. The compost so produced is either self used or issued to general public free of cost. She also emphasizes that IEC activities to be initiated in a big way to bring awareness among citizens.

- 15 The Commissioner, MCC apprised that in the recently purchased Solid Waste transport vehicles, there is a provision of collection and transportation of Wet Waste, Dry Waste & domestic hazard Waste separately. The hazard waste will be sent to M/s Ramky Infrastructure Ltd. for its final disposal.

The meeting ended with thanks to the Chair.


PRINCIPAL SECRETARY HOME,
LOCAL GOVT.
UT, CHANDIGARH.

No. of the SPCB or PCC	Estimated Plastic Waste generation (TPA)	No. of registered Plastic Manufacturing or Recycling (including multilayer, compostable) units (Rule 9)			No. of Unregistered plastic manufacturing units (in residential or unapproved areas)	Details of plastic waste management e.g. (PWW) collection, Segregation (Co-processing road construction etc.)(Rule 6), (Attach Separate)	Partial or complete ban on usages of Plastic Carry Bags (through Executive Order) (Attach copy of notification or executive order)	Status of Marking Labeling on carry bags (Rule 8) (Specify the number of units or not complied)	Explicit pricing of carry bags (Rule 10)	Details of the meeting of State Level Advisory Body (SLA) along with its recommendations on implementation (Rule 11)	No. of violations and action taken on non-compliance of provisions of these Rules	Number of Municipal Authority or Gram Panchayat under jurisdiction and submission of Annual Report to PCB (Rule 12)
		Plastic Units	Compostable Plastic Units	Multilayer Plastic Units								
Angam Non Control Municipalities	6746.36 MT (Approx.)	---	---	---	---	---	Notification No.ED/2008/684 dated 30.07.2008	---	---	3 rd 18.09.2019 (copies of minutes attached)	Plastic Seized = 1863.29 Kg Challans issued =2257 Nos. (in Jan 2019 to Dec 2019)	One