

Annual Report

for the year

2016-17

on

Implementation

of

Plastic Waste Management Rules
(As per Rule '17(4)' of PWM Rules, 2016)



CENTRAL POLLUTION CONTROL BOARD
Ministry of Environment, Forest and Climate Change, Govt. of India
Parivesh Bhawan, East Arjun Nagar
Delhi-110032
(D e c e m b e r , 2 0 1 7)

1.0 Introduction

As per the Rule '17(3)' of Plastic Waste Management Rules, 2016, each State Pollution Control Board or Pollution Control Committee shall prepare and submit the Annual Report to the Central Pollution Control Board on the implementation of these rules by the **31st July of each year**. Also, the Central Pollution Control shall prepare a consolidated report on use and management of plastic waste and forward it to the Central Government along with its recommendation by **31.08.2017**.

Therefore, in accordance with the PWM Rules, 2016, based on available information from **25 SPCBs/PCCs** a consolidated report has been prepared, including State-wise observations of the current status of implementation of Plastic Waste Management Rules in each State/UT. Besides, recommendations for better implementation of PWM Rules, 2016, have also been provided in this report.

2.0 Prescribed Authority for Implementation of Plastic Waste Management Rules, 2016.

The Prescribed Authority are responsible for implementation of the Rules: -

- 1) The **State Pollution Control Board** in respect of State and **Pollution Control Committee** in respect of a Union territory shall be the authority for enforcement of the provisions of these rules relating to registration, manufacture of plastic products and multi-layered packaging, processing and disposal of plastic wastes.
- 2) The concerned **Secretary-in-charge of Urban Development** of the State or a Union Territory shall be the authority for enforcement of the provisions of these rules relating to waste management by waste generator, use of plastic carry bags, plastic sheets or like, covers made of plastic sheets and multi-layered packaging.
- 3) The concerned **Gram Panchayat** shall be the authority for enforcement of the provisions of these rules relating to waste management by the waste generator, use of plastic carry bags, plastic sheets or like, covers made of

plastic sheets and multi-layered packaging in the rural area of the State or a Union Territory.

- 4) The Authorities referred to in sub-rules (1) to (3) shall take the assistance of the **District Magistrate or the Deputy Commissioner** within the territorial limits of the jurisdiction of the concerned district in the enforcement of the provisions of these rules.

There are **35 SPCBs/UTs**, of which only **25 SPCBs/PCCs** have submitted partial information after repeated reminders. Remaining ten (10) SPCBs/PCCs have not submitted information till date on implementation of the PWM Rules, 2016. However, based on information received from **25 SPCBs/PCCs**, State-wise & Union Territory-wise observations are given below: -

3.0 State-wise Observations

1. **Andaman & Nicobar:** The estimated plastic waste generation in this State is 365 tons/annum. There is no plastic manufacturing or recycling & multilayer unit in State. There is complete ban using plastic carrybags. The Board constructed bitumen polymer road, as per IRC Guidelines and in compliance of the PWM Rules, 2016. The State Government has not constituted State Level Monitoring Committee (SLMC) constituted. There is no violation reported. The State of Andaman & Nicobar has 01 Municipal Authority.
2. **Assam:** The estimated plastic waste generation in this State is 24030.0 tons/annum. There is 8 plastic manufacturing or recycling & 7 multilayer unit in State. There is not ban using plastic carrybags. There are 5 unregistered manufacturing/recycling units. The Board constructed bitumen polymer road, as per IRC guideline and in compliance of the PWM Rules, 2016. The State Government has not constituted State Level Monitoring Committee (SLMC) constituted. Joint monitoring of stockiest and vendors of plastic carry bags has been conducted by officials of this Board along with representative of Municipal Administration and Civil administration & plastic carrybags 50 micro seized stock

has been sent to Plastic Waste Management Centre, Institute of Plastic Engineering & Technology. The State of Assam has 94 Municipal Authority.

- 3. Andhra Pradesh:** The estimated plastic waste generation in this State is 82863 tons/annum. There is 64 plastic manufacturing or recycling & no multilayer unit in State. There are not completely ban in carrybags but EFS&T Department is being collection by the all ULBs and segregation the waste and sent to recyclers. The plastic waste is utilized for Road Constructions under Co-Processing the State of Andhra Pradesh has 102 Municipal Authority.
- 4. Bihar:** The estimated plastic waste generation is approximately 2280 tons/annum of during 2016-17. There are 32 unregistered plastic manufacturing/recycling units. The information related to use and waste management is not available. The SLMC body has not been formed in the State. There are 140 Municipal Authorities, 11 Municipal Authorities have submitted report& Nagar Panchayat 87. The State Government has not imposed complete ban on plastic carry bags. The details regarding plastic waste management is not available.
- 5. Chhattisgarh:** The estimated plastic waste generation is approximately 7300 tons/annum of during 2016-17. There are 8 registered plastic manufacturing/recycling unit and 1 multilayered plastic manufacturing unit. The SLMC body has not been formed in the State. There are 168 Municipal Authorities of which 13 Municipal Authorities have submitted report. For proper and safe disposal of plastic waste, the permission has been granted to 3 cement plants for the utilization of plastic waste in co-processing. The State Government has issued a separate notification regarding complete ban on plastic carry bags. The detail regarding plastic waste management is not available.
- 6. Chandigarh:** The estimated plastic waste generation in this State is approximately 21516.75 tons/annum. There are 120 registered plastic manufacturing/recycling units. As per provisions 5 & 6 of PWM, Rules 2016, Municipal Authorities, Chandigarh collects solid waste by door to door collectors and sends it to waste Processing Plant for processing plant for processing for final disposal, Further, a case for converting waste plastic into oil in under consideration. Plant for processing plastic waste is co-processed in cement plants. The State Government

has not constituted SLMC. There is no Violation taken reported. The State of Chandigarh has 01 Municipal Authorities

- 7. Daman & Diu and Dadra Nagar Haveli:** The Information in respect of plastic waste generation is not provided. There are 36 registered plastic manufacturing/recycling units. The Information in respect of plastic waste generation is not provided as per provisions '5 & 6' of PWM, Rules 2016, Municipal Authorities, collects solid waste by door to door collectors through an informal manner. Direction has been issued to 613 units in Daman & 102 units in DNH. The State Government has meeting held. There is violation report. The State of total 3 Municipal Authorities.
- 8. Delhi:** The estimated plastic waste generation is approximately 232732 tons/annum of during 2015-16. There is no registered plastic manufacturing/recycling units and multilayered plastic manufacturing units. Further, Government of Delhi issued a notification on 23.10.2012 for banning all kind of plastic carry bags for storing or dispensing of any eatable or non-eatable goods or martials. The All India Plastic Industries accession filed a petition in the Hon'ble High Court of Delhi for stay. The Hon'ble High Stayed the matter & transfer the case to the NGT further the hearing. There are 4 local bodies.
- 9. Gujarat:** The estimated plastic waste generation in this State is approximately 2,71,092 tons/annum. There are 797 registered plastic manufacturing/recycling units and 10 multilayer plastic units. There is no unregistered plastic manufacturer/recycler is present in the State. As per provision '5(b)' of PWM, Rules 2016, approximately 52,746 MT of plastic waste is co-processed in cement plants. Further, the use of plastic carry bags is completely banned in the city of Gandhinagar. The explicit pricing of carry bags has been followed by few Urban Local Bodies (ULBs). Marking and labelling provisions, mentioned under PWM Rules, 2016 are followed by most of the manufacturers present in the State. During financial year 2016-17, show-cause-notices have been issued to 69 units, direction u/s '5' have been issued to 10 units, and direction (closure) have been issued to 15 units on violation of PWM Rules, 2016. The State Government has constituted SLMC. GSPCB issued show-case notice & there is Violation taken Report. The State of Gujarat has total 167 Municipal Authorities

10. Himachal Pradesh: The estimate plastic waste generation is approximately 255 tons/annum of during 2015-16. There are 10 registered plastic manufacturing/recycling units and 2 multilayered plastic manufacturing units. The mixed waste was transported to Chandigarh JP Plant. Currently all the mixed waste is handed over to M/s Elephant Energy Pvt. Ltd. who have set up Waste to Energy Plant (WtoE) on Gasification Technology in Shimla for production of RDF & road construction. Complete ban on usage of carry bags in the State Vide Notification on No. date 07.07.2009. SLMC has been constituted and meeting held for recommendations for implementation of PWM Rules, 2016. Himachal Pradesh has 51 Municipal Authorities.

11. Haryana: The estimated plastic waste generation in this State is around 23369.09 tons/annum. There are around 7 registered plastic manufacturing/recycling plastic units. . There is completely ban plastic carry bag & notification date 20.08.2013. A contract has been awarded to carry out the work i.e. Integrated Solid Waste Management including door collection and transportation up to projection site for production electricity waste to energy plant and it will cover whole Faridabad city under Municipal Corporation Faridabad jurisdiction. SLMC has not meeting any recommendations for implementation of PWM Rules, 2016. There are 754 violation reported. In the State of Haryana there are 78 Municipal Authorities, but 43 has submitted information.

12. Karnataka: The estimated plastic waste generation in this State is around 419600 tons/annum. There are around 301 registered plastic manufacturing/recycling plastic units. There is completely ban plastic carry bag & notification date 11.03.2016. The plastic waste is sent 7 cement plants for co-processing in cement plant as alternative fuel for the recycling and utilization in the road. In State of Karnataka is 275 Municipal Authorities has submitted information.

13. Madhya Pradesh: The estimated plastic waste generation in this State is around 50457.07 tons/annum. There are around 25 registered plastic manufacturing/recycling and 30 multilayered plastic units. Out of 6437 metric tons 4383 MT plastic waste is sent cement plants for co-processing in cement plant as alternative fuel & 2000 MT for the recycling and 54MT for utilization in the road.

There is no violation observed with reference to thickness of carrybag manufactured. SLMC has not made any recommendations for implementation of PWM Rules, 2016. Madhya Pradesh has 139 Municipal Authorities.

14. Maharashtra: The State of Maharashtra generates approximately 1285.21 tons/annum of plastic waste during the year 2016-17. There is partial ban on use of plastic carrybags in some places. There are 276 registered plastic manufacturing/recycling units, 1 compostable plastic and 11 multilayered plastic units. There are 276 unregistered manufacturing/recycling units. The Board has issued notices to the 176 no. of municipal council who have not provided storage for plastic waste vide letter dated 25.07. 2017. Price of carrybags is not fixed. The State Government has constituted SLMC. The MPCB vigilance squad at 12 Regional Officer Level and carried out survey of plastic carry bags manufacturing units, 88 units have been issued notices for operating units without obtaining registration. The State of Maharashtra has total 27 Municipal Authorities.

15. Meghalaya: Approximately, 13.265 tons/annum of plastic waste is generated during 2016-17. The number of registered plastic and multi-layer plastic units is 1 and 4 registered plastic manufacturing/recycling units, respectively. There is no plastic carrybag manufacturing unit in Meghalaya. There is a partial ban on use of plastic carrybags in some places of the State. Price of carrybags is not fixed. SLMC has not meeting any recommendations for implementation of PWM Rules, 2016. Workshops have been organized in collection with CPCB with all the cement plant of State in regard to co-processing of waste in their Kilns.

16. Mizoram: Information in respect of plastic waste generation is not provided. There are 9 multilayered plastic manufacturing/recycling units in the State. The carrybags are not completely ban. Price of carrybags is not fixed. There is not Violation taken Report & 7 Municipal Authority. The State Government has constituted SLMC Body to monitor implementation and meeting held to review implementation of the Rules. Action has been initiated by the Aizawl Municipal Corporation on Plastic Waste Management Rules, 2016. There is only one Municipal Authorities in the State.

17. Nagaland: Information is regarding plastic waste generation is not provided. There are 7 registered plastic manufacturing/recycling units in the State. The

Board constructed bitumen polymer road within office premises. There is complete ban on use of plastic carrybags in the State. The Government of Nagaland has banned use of poly bags/plastic carry bags in the State with effect from 1st January 2004. Provisions for marking and labelling of carrybags are followed in Kohima and Dimapur city. The State Government has constituted SLMC Body to monitor implementation is not consideration meeting held on Plastic Waste Management Rules, 2016. There is no violation reported & there are 3 municipal Authorities.

18. Orissa: The City of Orissa generates approximately 6890.805 tons/annum of plastic waste during the year 2016-17. There are 3 registered plastic manufacturing/recycling units and 1 multilayered plastic units. All Urban Local Bodies have been instructed to send their plastic waste to M/s ACC Ltd., Bargarh for co-proceeding in cement kiln. SLMC is constituted & No violation has been observed. The State of Orissa total 111 Municipal Authorities.

19. Punjab: The estimated plastic waste generation is 163423.4 tons/annum for the year 2016-17. There are total 208 plastic units, out of which 26 units are involved in multi-layered plastic manufacturing. 143 unregistered plastic units are present in the State. Door to door collection facility is operated at some locations only. No proper segregation mechanism available and informal sectors are involved in segregation of plastic waste. Government of Punjab has completely banned plastic carrybags in the State. Total 6 show-cause notices have been issued for non-compliance of PWM Rules, 2016. There are 148 ULBs, out of which 84 ULBs have submitted information for annual report to the SPCB.

20. Puducherry: The City of Puducherry generates approximately 9252.25 tons/annum of plastic waste during the year 2016-17. There are 18 registered plastic manufacturing/recycling units and 2 multilayered plastic units. The Board constructed bitumen polymer Road has utilized the plastic waste in the road formation on pilot study. SLMC is constituted. To check the non-compliance Surprise inspection were carried out by and PPCC & Puducherry Municipality and penalty imposed to deflator. There are total 5 Municipal Authorities & 10 Gram Panchayats in Puducherry.

21. Rajasthan: The Information in respect of plastic waste generation is not provided. There is complete ban on transport of plastic carry bags vide State Government

Notification date. 21.07.2010. There are 16 registered plastic manufacturing/recycling units and 6 multilayer plastic units. There are around 05 unregistered manufacturing/recycling units. The State Government has not constituted SLMC. There is 29 violation taken report. The State of Rajasthan total 140 Municipal Authorities. RPCB issued letter to all District Collectors of Rajasthan to provide details of cement units engaged in co-processing.

22. Sikkim: The estimated plastic waste generation in the State during 2016-17 is approximately 102.7 tons/annum. The Plastic carrybags have been banned Sikkim vide Urban Development. This State has 7 notified Urban and Local Bodies.

23. Tripura: The estimated plastic waste generation in the State during 2016-17 is approximately 30tons/annum. The Carrybags are completely ban. The plastic waste is partially managing 20 Urban Local Bodies collection & disposed as per Plastic Waste SLA Body is formed yet by State Government. The penalty imposed by the Authorized officers for use, sell and import of banned plastic carry bags.

24. Tamil Nadu: The estimated plastic waste generation in the State during 2016-17 is approximately 79114.792 tons/annum. There are 305 registered plastic manufacturing/recycling & 17 multilayered plastic units. There are 43 unregistered plastic manufacturing/recycling units present in the State. The plastic waste is partially used for co-processing. Bitumen polymer Road with in office premises and requested CPCB zonal office proposing trial run for Co-processing of plastic waste in cement plant-processing in cement kilns as alternative fuel During 2015-16, approximately, 78 tons of grinded plastic waste is used for road construction. There is partial ban on plastic carrybags in some places of the State. SLA Body has not been formed yet by State Government. The violations are Action taken against the unregistered plastic units of PWM Rules reported during 2016-17. There are 12 Municipalities Authorities.

25. Uttar Pradesh: it is estimated that approximately 152492.65 tons/annum of plastic waste has been generated during 2016-17. There are 21 registered plastic manufacturing/recycling units and 81 units deal with multilayered plastic manufacturing. Along with this, there are 59 unregistered plastic manufacturing/recycling units in the State. There is a complete ban on manufacture, import, storage, transportation, sale and use of plastic carry bags in

this State. Practice of proper labelling and marking of plastic carry bags is not followed by all the manufacturers. It is not paper waste management. There is complete ban on plastic carrybags in some places of the State. SLM body has been constituted State Government. The violation has been reported and action taken against the unregistered plastic units of PWM Rules reported during 2016-17. There are 654 Municipalities Authorities.

26. West Bengal: The Information in respect of plastic waste generation is not provided. There are about 71 plastic manufacturing recycling/manufacturing units in West Bengal. As per Rule '5(b)' of PWM Rules, 2016, polymer bitumen roads have been constructed by Municipality of Kalyani, Ashoknagar, Kalyangarh and Chandernagore Municipal Authorities. There is a ban on use of plastic carry bags in ecologically fragile area and certain heritage and tourist places. There are total 125 Municipal Authorities & 3354 Gram Panchayat under jurisdiction of West Bengal Pollution Control Board.

3.0 Conclusion:

As per the provision '17(3)' of PWM Rules, 2016, SPCBs/PCCs shall prepare and submit the annual report on implementation of these Rules to CPCB by **31st July every year**. Out of 35 SPCBs/PCCs, only **25** SPCBs/PCCs have provided information on implementation of Plastic Waste Management, 2016. Information provided by these States/UTs is compiled by CPCB as per the provision '17(4)' of the PWM Rule, 2016. It has been observed that SPCBs/PCCs are not able to collect information from all Urban Local Bodies (ULBs) of the State. Based on the available information, following observations have been noticed:

1. As per the provision '13(1)' of PWM Rules, 2016, all the plastic manufacturing/recycling units shall be registered with the concerned SPCBs/PCCs. There are around **393** unregistered plastic manufacturing/recycling units are still running in few States/UTs, namely Bihar, Maharashtra, Orissa, Punjab, Rajasthan, Tamil Nadu, and Uttar Pradesh. The concerned SPCBs/PCCs can be directed to take appropriate action against the unregistered units running in their States/UTs.

2. According to the Rule '6' of Plastic Waste Management Rules, 2016, Municipal Authorities shall be responsible setting up, operationalization and co-ordination of waste management system and performing the associated functions. However, it has been observed that most of the States/UTs have not established the organized system for Plastic Waste Management. Hence, resulting into widespread littering of plastic waste in towns & cities of the country. Few States/UTs namely: Chhattisgarh, Gujarat Himachal Pradesh, Madhya Pradesh, Meghalaya, Rajasthan and Tamil Nadu are transporting their plastic waste to cement plants for co-processing. Besides, few other States/UTs namely: Orissa, Nagaland, Tamil Nadu, Puducherry, Andaman & Nicobar and West Bengal are using plastic waste for polymer bitumen road construction. Sikkim Municipal Authorities is waste during the processing area near the Sanitary Landfill. Chandigarh final disposal furthers a case for converting waste plastic into Oil in under consideration.

3. As per the Rule '14(1)' of PWM Rules, 2016, shopkeepers/retailers shall be responsible for use of properly marked and labeled plastic carry bags. Most of the States/UTs are not following the proper practice of plastic carry bag labelling, especially in case of the carry bags available with the street vendors and small retailers.

4. As per Rule '15' of Plastic Waste Management Rules, 2016, carry bag shall not be provided free of cost by retailers to customers and concerned municipal authority will be responsible for registration of shopkeepers/retailers, willing to provide plastic carrybags to the customers. However, it is observed that most of the States/UTs have not set-up proper monitoring system for use of carry bags as per the specified guidelines. It has been observed that those States/UTs, who have imposed complete ban on use and sell of plastic carry bags, the plastic bags are stocked, sold and used indiscriminately. Besides, substandard carry bags (<50µ) are used widely in other States/UTs, violating PWM Rules, 2016.

5. As per Rule '16' of PWM Rules, 2016, there shall be a State Level Monitoring Committee (SLMC) to monitor the implementation of PWM Rules, however, majority of the States/UTs have not constituted such monitoring body yet. The States/UTs, who have constituted SLMC are not convening meetings on regular basis to monitor the progress of implementation of these Rules.

5.0 Recommendations:

- SPCBs/PCCs should direct to UDDs to ensure setting-up of sources-segregation system for post-consumer plastic waste.
- SPCBs/PCCs should also ensure that no plastic manufacturing/recycling unit is running in non-conforming/residential areas. Besides, it is also ensured that <50µm plastic carrybags/films should not be manufactured, stock, sold and used in cities/towns.
- SPCBs/PCCs and Municipalities should constitute squad to check illegal manufacturing, stocking, sale, of plastic <50m plastic carrybags.
- SPCBs/PCCs shall ensure that Annual Report on implementation of PWM Rules, 2016 is complete in all respect as per Form-VI and submitted timely to CPCB i.e. on 31st August each year.
- SPCBs/PCCs shall ensure that States/UTs under its jurisdiction here constituted State Level Advisory (SLA) Body to monitor implementation of PWM Rules, 2016.
- SPCBs/PCCs shall ensure that State Urban Development have in-cooperated PWM Rules, 2016 in Municipal Bye-laws for its effective implementation.
- SPCBs/PCCs and UDD s shall ensure that open of plastic waste is totally prohibited.
- SPCBs/PCCs and UDDs shall ensure that plastic waste is not littered in public places and dumped on open drains, river, banks, sea beaches.

NOTE: State wise table implementation status in Form-VI is **annexed. JANUARY**

Submission of Annual Report on Implementation of PWM Rules, 2016 for the year 2016-2017
(As per Rule '17(3)' of PWM Rules, 2016)

Name of the SPCB/PPCC	Estimated Plastic Waste generation Tons Per Annum (TPA)	No. of registered Plastic Manufacturing/Recycling (including multilayer, compostable) units. (Rule 13)			No. of Unregistered plastic manufacturing Recycling units. (in residential/unapproved areas)	Implementation of Plastic Waste Management (PWM) e.g. Collection, Segregation, Disposal (Co-processing road construction etc.) (Rules 6)	Partial or complete ban on usages of Plastic Carry Bags (through Executive Order)	Status of Marking Labelling on carry bags (Rule 11)	Explicit Pricing of carry bags (Rule 15)	Recommendation of State Level Advisory (SLA) Body on Implementation (Rule 16)	No. of violations and action taken on non-compliance of provisions of these Rules	Number of Municipal Authority under jurisdiction and Submission of Annual Report to CPCB (Rule 17)
1	2	3			4	5	6	7	8	9	10	11
Andhra Pradesh	82863	64	Nil	Nil	Nil	The plastic waste is being collected by all ULBs and segregating the waste and sent to recyclers. As on date on plastic waste is utilized for Road constructions under co-processing.	The EFS&T Dept. is under process of issuing Executive Orders on ban of carry bags less than 50 microns. However, partial ban under in majority of ULBs are plastic Waste.	Details not furnished. The ULBs are under process of implementation of Plastic Waste Management Rules,2016.	Details not furnished. The ULBs are under process of implementation on of PWM Rules,2016.	Constituted on 16.02.2017	Nearly 2 lakhs rupees of fine imposed on traders. The details of individual local bodies furnished.	102
Arunachal Pradesh	Information not available											
Assam	24030	8	Nil	7	5	Proper system for collection, Segregation transportation & disposal of the plastic waste. CIPET and other departments are requested time to make arrangements in plastic waste utilization.	Completely Not banned	All registered units carry out marking labelling on carry bags.	Partial ban	Chairman of State Level Advisory body recommended that the commissioner of taxes, may be informed that no Plastic bags 50 micron is Assam.	The seized stock has been sent to plastic Waste Management Centre, Institute of Plastic Engineering & Technology, Dept. of Chemical & Fertilizers of recycling.	94
Andaman & Nicobar Island	365	There is no Plastic manufacturing or recycling unit operates in Andaman and Nicobar Islands (ANI). Nil			Nil		Andaman and Nicobar Administration has imposed complete ban on usage of plastic carry bags through Andaman Nicobar Gazette	Does not arise, since manufacturing of the plastic carry bags are completely ban in ANI	Does not arise	Not Available	Nil	01

1	2	3			4	5	6	7	8	9	10	11
							Notification No.202 dated 02-08-2015.					
Bihar	2280	Nil	Nil	Nil	A total no. of 32 producers and recyclers were identified.	Details not available as Local Bodies not submitted Annual Report.	No	Not Complying	Information not available from Local Bodies.	State level Advisory Body is yet to be constituted.	Nil	140
Chhattisgarh	7300	8	Nil	1	Nil	3 Cement units of Chhattisgarh has been granted permission for Co-processing of Waste Plastic and segregation of plastic waste is being done by some municipal bodies on manual basis.	Plastic Carry bags notification dated 24/12/2017 is effective for Complete Ban on usage of plastic carry bags.	NA	NA	-	NA	168
Chandigarh	21516.75	120	Nil	Nil	Nil	Municipal Corporation, Collects solid waste by door to door collectors in an informal manner and send it to Garbage Processing for final disposal.	Chandigarh Administration has imposed complete ban on the use of plastic carry bag vide Notification No. ED/2008/684 dated 30.07.2008. Further, anti-plastic raids/ inspections are being regularly carried out by the concerned officials to implement the direction of Hon'ble NGT regarding the prohibition of use of plastic/non-woven plastic carry bags in Chandigarh	Nil	Nil	CPCB has written to the Department of Environment for constitution of the Advisory Committee..	Chandigarh Administration has impose complete ban on the use of plastic carry bag vide Notification No. ED/2008/684 date 30.07.2008	Municipal Corporation Chandigarh
Daman, Diu & Dadra Nagar Haveli	No information	36	-	-	-	The aforesaid instruction/notification is already forwarded to the municipalities.	Ban on plastic carry bags	-	Concerned municipal Authority may notify minimum price for carry bags. The information is not received from the local body.	Reconstitution of State Level Advisory Body is under process	Notice of Direction have been issued to the plastic units 613 units in D.N.H.	3
Delhi	232732	Nil	Nil	Nil	Nil	Nil	Delhi imposed complete ban on manufacture, import store, sell or use carry bags. Delhi High Court issued stay on the notification.	Not provided	Not provided	SLMC constituted in local body.	Not provided.	5
Goa	Information not available											
Gujarat	271092	797	0	10	0	Details of Co-processing of plastic attached herewith.	Complete ban on the Gandhinagar City vide Notification No: VN(14)	Comply of large however in case of violation board takes necessary	Partially implemented by ULBs.	SLA Constituted by UDD by any recommendatio	Overall Action Taken under PWM Rules,2016 (Period from 01/04/2016	167

1	2	3			4	5	6	7	8	9	10	11
							/Env -10-2008-2100-E Dated 28 th June,2011	Action against violating units.		n issued by SLA.	31/03/2017) SCN issued :69 Notices issued to 15	
Himachal Pradesh	255	10		2	Nil	The Plastic Waste is incineration at oil fired incinerator at Kasauli & missed waste is handed over to M/s Elephant Energy Pvt. Ltd who have set up waste to energy plant on Gasification technology in Shimla for production of RDF.	Complete Ban	NA	NA	State Level Advisory Body has been constituted on 4 th July 2017.	Nil	8
Haryana	23369.09	7	Nil	11	Nil	Under Municipal Authorities	Complete Ban of use of plastic carrybags	complete Ban on use of plastic carrybags in Haryana. Notification dated 20.08.2013	NA	No such State Level Advisory Committee is in operational.	754	78
Jammu & Kashmir	Information not available											
Jharkhand	Information not available											
Karnataka	419600	301	Nil	Nil	Nil	All urban local Bodies have been instructed to send their plastic waste for co-processing o in cement kiln.	Complete Ban	Not applicable, manufacturing, use of carrybags is banned. Notification dated 11.03.2016.	Nil	State level Advisory meeting held on 21.04.2016	KSPCB has issued directions under Section 5 of EP Act to 61 unite for manufacturing banned items.	275
Kerala	Information not available											
Lakshadweep	Information not available											
Madhya Pradesh	50457.07	25	0	30	0	6437.115 out of which 4383.115 MT plastic waste to the cement industries, 2000 MT for utilization in the road.	Complete ban	Partially Complied	Partially Complied	The State Level Advisory Committee Constituted Vide Order No F 19-53/2011/1/4 date 30/11/16	Not Observed with Reference to Thickness of carry bags	139/287
Maharashtra	21420.33	276	1	11	249	With reference to the NGT application no.2/2016 filed by Hon'ble NGT. Board has issued notices to the 176 no. of Municipal Council who have not provided storage for plastic waste vide letter dated 25..7.2017	50µm is the thickness, size of carry bags and also type of material used & recycling status.	All the registered Manufacturers complied and marking/labelling of Registration No. thickness on carry bags.	Most of Shopping malls and shops charging amount on carry bags which is depending on size.	Environment Department, GoM has constituted State Level Advisory Committee vide G.R Dated 4.01.2017 and the Committee was held on 2.06.2017 Minutes of	The MPCB for enforcement of these rules formed vigilance squad at 13 Regional officer Level and carried out survey of plastic carry bags manufacture units 88 units have been issued notices for operating units without obtaining registration.	In State of Maharashtra total 27 Municipal Corporation 241 municipal Corporation of Greater Mumble has submitted Annual report for the period Jan 2016 to Dec. 2016.

1	2	3			4	5	6	7	8	9	10	11
										meeting are still awaited.		
Manipur	Information not available											
Meghalaya	13.265	4	Nil	1	Nil	Workshops have been organized by the Board, collaboration with CPCB regarding co-processing of plastic waste in Cement Kilns	Use and sale of plastic bags less than 50 microns has been prohibited and public notice.	M/s. Karkarnia Industry manufacture carrybags that are labelled with the name of manufacturer & registration number.	Till date the Board has not received any complaints with regard to explicit Pricing of Carry Bags.	State level Advisory body yet to be formed.	Nil	7
Mizoram	Survey is on going	Nil	Nil	9 units (only producers)	Nil	the Action plan has been prepared and submitted to the Board along with the Annual report by Aizawl Municipal Corporation for the Implementation of Plastic Waste Management Rules, 2016,	partial ban on usage of plastic carrybags.	No such Marking & Labelling on carry bags.	No explicit pricing of Carrybags .	State Level Advisory Committee was constituted on 15.03.2017. The Advisory Committee in its meeting held on 14.06.2017 decided that In order to create awareness among the People on Plastic Free Zone" shall be identified and declared in all District capitals on pilot basis	Nil	1
Nagaland	Data Not Available	7	Nil	Nil	-	-	The Government of Nagaland has banned use of poly bags/plastic carry bags in the state with effect from 1 st January 2004.	-	NA	-	Nil	3
Odisha	6890.805	3	Nil	1	Inventory is under progress	All Urban Local Bodies have been instructed to send their plastic waste to M/s ACC ltd Bargarh for co-processing in cement kiln.	Nil	Data not available	Minimum Price Fixed	State Level advisory Body has been constituted and meeting held on 25.09.2017	No violation has been observed.	111
Punjab	163423.4	218	Nil	26	143	MSW is collected from door to door and compiled at one place, where rag pickers segregates plastic waste at their own level.	Complete Ban	Notification regarding complete ban on plastic carry bags issued vide no. 5/18/2016-	Not Applicable as plastic carry bags has been banned in the state of Punjab.	The State Advisory Committee vide notification No.5/95/2016-4LG4/13222	Directions have been issued to 4 manufacturing units to stop the production of plastic carrybags &	148

1	2	3			4	5	6	7	8	9	10	11
								4lg4/692717/1 dated 18 th February, 2016 & no. S.O 438/P.A.9/1994/S 30/2016 dated 29 th March, 2016.		dated 08.06.2017	58 no. units have been issued show cause notices.	
Puduchery	9252.25	18	Nil	2	Nil	Public Works Dept. has utilized the plastic waste in the Road formation on pilot study.	G.O. was issued on December 2009, banning plastic carry bags of lesser than 50micron thickness.	Proper Marking and Labelling	Being followed	State Level Advisory Body has been constituted vide order No. 21116/LAS/A3/2017, date 07.09.2017.	Municipality and seized 5 bundles of plastic carry bags less than 50micron worth Rs. 50,000/-	5 Municipalities and 10 Commune Panchayats.
Rajasthan	No information submits	16	Nil	06	05	Collectors and send to cement units for co-processing plastic waste.	Complete ban	Not applicable as RSPCS has imposed complete ban on manufacture storage, Import sell or transport of Plastic carry bags in state Notification Dt. 21/07/2010	NA	State level advisory committee is yet to be constituted in the state.	29	140
Sikkim	102.7	Nil	Nil	Nil	Nil		Plastic bags have been banned as per Sikkim Urban Development vide Notification No. GOS/UD&HD/97-98/6(85) dated 4 th June, 1998.	NA	NA	-	-	State of Sikkim have 07 numbers 1.Gangtok 2.Gyalsing 3.Nayaba 4.Mangan 5.Namchi 6.Rangpo 7.Singtam
Tamil Nadu	79114.792	305	-	17	43	Vide Annexure A	Vide Annexure B	All the plastic units are compliance with the plastic waste management rules.	The local bodies have been instructed to follow explicit pricing of carry bags.	State Level Advisory Committee has been formed vide G.O. (Ms.). No 148 dated 25.10.2016. through Municipal Ammonization	Actions are being taken against the unregistered plastic units.	Corporations-12 Municipalities-124 Town panchayats-528

1	2	3			4	5	6	7	8	9	10	11
										and water Supply		
Telangana	Information not available											
Tripura	30	26 nos. plastic items manufacturing units	Nil	Nil	Nil	20 (twenty) Urban Local Bodies collected & disposal as per Plastic Waste Management Rules, 2016	A notification also issued regarding	Not yet started	State Level Advisory Committee has also been formed for effective implementation of New Rules, 2016 (Annexure-iii). The first meeting was held on 04.07.2017 (Annexure-iv).	Implementation Committee has also been formed for proper monitoring (Annexure-v). The District level committee met quarterly and formulation next course of action.	TSPCB receive Rs.435/- Authorized officers for use, sell and import of banned carry bags	20
Uttar Pradesh	152492.6445	21	0	81	59	No such Action Plan has been received from any local body.	Complete Ban	Rule 8 is being submitted by Local Authorities.	To be submitted by local body	State Level Advisory Body has been constituted on dated 05-10-2017.	59	654
Uttarakhand	Information not available											
West Bengal	Information is not available with the Board	71	-	-	Record of unregistered plastic manufacturing recycling units in residential/unapproved areas is not available with the Board.	As per the information received by the Board from time to time, polymer Bitumen roads have been constructed by some ULBs like Kalyani Municipality, Chandernagore Municipal Corporation, Ashok nagar Kalyangarh Municipality.	Yes, several orders restricting use & sale of plastic carry bags in ecologically fragile areas and certain heritage and tourist & tourist spots had been issued by the GoWB between the year 2001 to 2015 (Copies of orders enclosed)	Information is not available with the Board	Information not received from ULBs	Information not received from State level Advisory Body on implementation of Rule 11	Nil	Number of Municipal Authority is 125 & no. of Gram Panchayat is 3354