

Annual Report

for the year

2014-15

on

Implementation

of

Plastic Waste Management Rules
(As per Rule '12' of PWM Rules, 2011)



CENTRAL POLLUTION CONTROL BOARD
(Ministry of Environment, Forest and Climate Change,
Govt. of India)
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1.0 Introduction

As per the Rule '12' of Plastic Waste (Management & Handling) Rules, 2011, 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 30th day of September of each year. Also, the Central Pollution Control Board shall prepare a consolidated report on use and management of plastic waste and forward it to the Central Government along with its recommendation.

Therefore, in accordance with the PWM Rules, 2011, based on available information 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, 2011, have also been provided in this report.

2.0 Prescribed Authority for Implementation of Plastic Waste (Management & Handling) Rules, 2011.

The prescribed Authority means the Authority-

- (a) for enforcement of the provisions of these rules related to registration, manufacture and recycling shall be the State Pollution Control Board and in respect of a Union territory shall be the Pollution Control Committee;
- (b) for enforcement of the provisions of these rules relating to the use, collection, segregation, transportation and disposal of plastic waste, the prescribed authority shall be the municipal authority concerned.

3.0 State-wise Observations

- 1. Andaman and Nicobar Islands:** The estimated plastic waste generation in this state is 2,737 tons/annum during 2014-15. There is no plastic manufacturing/recycling unit in this Union Territory. There is an Executive Order for complete ban on usage, storage, import, manufacture and transportation of plastic carry bags. As per Rule '6' of PWM Rules, 2011, 104 tons of plastic waste

is transported to mainland for disposal and 100% door to door collection of MSW by Port Blair Municipal Corporation (PBMC) is carried out in 18 wards and segregation of waste in 2 wards. As per the recommendations from advisory body, following actions have been taken for proper implementation of PWM Rules, 2011:

- i) PBMC has banned plastic carry bags completely.
- ii) Formation of vigilance squad for enforcing rules.

2. **Andhra Pradesh:** The estimated plastic waste generation in this state is 1,28,480 tons/annum. There are 63 registered plastic manufacturing/recycling units and 8 multilayer plastic units. There are 19 unregistered plastic manufacturing/recycling units in this state.
3. **Arunachal Pradesh:** The SPCB has not provided any information in this regard.
4. **Assam:** The SPCB has not provided any information in this regard.
5. **Bihar:** The data for plastic waste generation in this state is not available. There are 31 registered plastic manufacturing and recycling units and 55 unregistered plastic units in the State. Information regarding implementation of Plastic Waste Management Rule '6' is not available.
6. **Chandigarh:** The information has not been provided by SPCB.
7. **Chhattisgarh:** The data for estimated plastic waste generation in the State is not available. There are 12 registered plastic manufacturing and recycling units and 1 multilayer plastic unit. For proper disposal of plastic waste, the permission has been granted to 3 cement plants in Chhattisgarh for the utilization of plastic waste in co-processing. The State Government has issued a separate notification regarding complete ban on plastic carry bags. There are 169 municipalities in the State, who have not submitted data regarding plastic waste management in their jurisdiction.
8. **Daman & Diu and Dadra & Nagar Haveli:** The information about the quantification of plastic waste generation is not available. There are total 21 registered plastic manufacturing/recycling units. There is a partial ban on use of carry bags in Daman, Diu & Dadra Nagar Haveli. The information regarding Plastic Waste Management has not been provided by the State.

- 9. Delhi:** The DPCC has not provided information on implementation of PWM Rules, 2011.
- 10. Goa:** The estimated plastic waste generation in the State is around 104 tons/annum. There are 21 registered plastic manufacturing/recycling units. The plastic waste is sent to ACC, Wadi & Vasvadatta cement works for co-processing. Goa has enacted Non-biodegradable Act for Plastic Waste Management.
- 11. Gujarat:** The estimated plastic waste generation in this State is around 2,65,568 tons/annum. There are 612 registered plastic manufacturing/recycling units and 23 multilayer plastic units. As per provision '6' of PWM, Rules 2011, from April 2014 to March 2015, total 31,990.46 MT of plastic waste is co-processed in cement plants. 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). During financial year 2014-15, total Show-cause-notices issued: 121, notices of direction issued: 16, direction (closure): 87 along with the penalties imposed by Municipal Authorities on use and sell of plastic carry bags less than 40-micron thickness.
- 12. Haryana:** The Haryana SPCB has not provided any information any information on implementation of PWM Rules, 2011.
- 13. Himachal Pradesh:** The State has generated approximately 1004 tons/annum of plastic waste during 2014-15. There is no registered/unregistered plastic manufacturing/recycling unit. The Government of H.P. has issued a separate Act: HP Non-Biodegradable Garbage Control Act, 1995 for complete ban on use and sale of plastic carry bags in Himachal Pradesh. Manual segregation of plastic waste was being carried out at the plant site by the operator & Refused-derived Fuel (RDF) was sent for co-processing in cement industry. There is a complete ban on use, sale, stock and manufacturing of plastic carry bags.
- 14. Jammu & Kashmir:** The State of Jammu & Kashmir has generated around 4,164 tons/annum of plastic waste during 2014-15. There are 63 registered plastic manufacturing/recycling industries and 9 multilayer plastic industries. There is one un-registered plastic industry in the State. The Government of J&K has issued separate notification for complete ban on plastic carry bags in the

State. The information regarding plastic waste management has not been provided. Around 160 tons of plastic carry bags, not complying the PWM Rules, 2011 have been seized in the State. There are 78 ULBs under jurisdiction of J&K State Pollution Control Board.

15. Jharkhand: The total plastic waste generation in the State of Jharkhand, for the year 2014-15, is around 35,262 tones/annum. There is no registered plastic manufacturing/recycling unit in the State. Besides, but there are 4 unregistered plastic manufacturing/recycling units are running in the State. Information regarding plastic waste management is not available in this State. The State Government has issued a separate notification (notification no 3691, Dated 11/09/2013) for provisions related to use and sell of plastic carry bags and packaging. Further, the use and sale of plastic carry bags is partially banned in this. Only one case of violations of PWM Rules, 2011 has been reported during 2014-15.

16. Karnataka: The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.

17. Kerala: The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.

18. Lakshadweep: The UTA Lakshadweep has not provided information on implementation of Plastic Waste (Management & Handling) Rules, 2011.

19. Madhya Pradesh: The estimated plastic waste generation in this State is around 27,763 tons/annum. There are around 28 registered plastic manufacturing/recycling and 4 multilayer plastic units. Around 6,977 tons of plastic waste has been co-processed in cement kilns. Details of plastic waste management is not available for this State. There is a complete ban on sub-standard plastic carry bags. For enforcement of PWM Rules, 2011, around 200kg of plastic bags have been seized. Apart from this, Board has filed a litigation in the Hon'ble court against one industry and letter has been issued to two more industries for non-compliance of PWM Rules, 2011.

20. Maharashtra: Information has not been provided by the SPCB.

- 21. Manipur:** Estimated plastic waste generation for the State of Manipur is around 25 tons/year. There are only 9 registered plastic manufacturing/recycling industries in the State. No information is available about status of plastic waste management in this State. There is a ban on plastic carry bags less than thickness of 40 microns. State level advisory body has been constituted in this state. Around 45 notices have been issued to shopkeepers/sellers, using plastic carry bags less than 40-micron thickness.
- 22. Meghalaya:** Approximately, 13.94 tons/annum of plastic waste has been during 2014-15. The number of registered plastic and multi-layer plastic units is 3 and 1 respectively. The Government has enacted "The Meghalaya Prohibition of Manufacture, Use, Sale and Throwing of Low Density Plastic Bags Act, 2001". The information about plastic waste management has not been provided by SPCB.
- 23. Mizoram:** As per an estimation around 45,625 tons/annum of plastic waste is generated by Aizawl City. There is no plastic manufacturing/recycling unit in the State. Information about plastic waste management has not been provided by SPCB.
- 24. Nagaland:** The quantification of plastic waste generated is not available. There are 3 registered plastic manufacturing/recycling units in the State. The Board constructed bitumen polymer road within office premises and requested CPCB Zonal Office (Shillong), proposing trial run for co-processing of plastic waste in cement plants.
- 25. Odisha:** The estimated plastic waste generation in Odisha is around 1871 tons/annum. There are '19' registered plastic manufacturing/recycling units in the State. As per provision '6' of PWM Rules, 2011, some of the ULBs are transporting their plastic waste to M/s ACC Ltd., Bargarh for co-processing. Few ULBs have banned use of plastic carry bags partially/fully through Executive Orders. Plastic carry bags used in this State are not properly labelled and marked. As per recommendations of State Level Advisory Body, practice of minimum pricing of carry bag has been followed. Also, State Level Advisory Body has given following recommendations for better implementation of PWM Rules:

- i) Mass awareness program among public.
- ii) Formation of vigilance squad for surprise checks of thickness of plastic carry bags used and sold in market.
- iii) Discouraging use of plastic carry bags.
- iv) Encouraging use of plastic waste in road construction.
- v) Preparation of action plan for plastic waste processing unit in dumping area.

26. Puducherry: Estimated plastic waste generation for this UT is around 16,425 tons/annum, for the year 2014-15. There are 18 registered plastic manufacturing/recycling units, out of which 2 units deal with multilayer plastic manufacturing/recycling operations. As per Rule '6' of PWM Rules, 2011, Public Works Department has constructed polymer bitumen road with plastic waste for pilot study. The UT has issued separate notification for plastic waste management. Practice of proper marking and labelling of plastic carry bags and explicit pricing of carry bags has been followed. One case under section '19' of EPA has been filed for violations of provisions of PWM Rules, 2011.

27. Punjab: The expected plastic waste generation is 43,282 tons/annum, for the year 2014-15. There are total 164 plastic units, out of which 2 units are involved in multi-layer plastic manufacturing. Around 70 unregistered plastic units are present in the State. The State Government of Punjab has issued separate Act for carry bags: The Punjab Carry Bags Control Act 2005. There is no separate system for handling plastic waste. The plastic waste is disposed along with municipal solid waste. Carry bags less than 40-micron thickness are banned in Punjab. Most of the units are putting proper label on carry bags. Total 46 violations of provisions of PWM Rules-2011 have been recorded during 2013-14.

28. Rajasthan: The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.

29. Sikkim: The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.

30. Tamil Nadu: The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.

- 31. Telangana:** Telangana has generated 1,23,005 tons/annum of plastic waste during 2014-15. There are total 193 registered and 15 unregistered plastic manufacturing/recycling units. Information on implementation of provisions of PWM Rules, 2011 has not been provided.
- 32. Tripura:** Tripura has generated 33 tons/annum of plastic waste during the year 2013-14. There are 41 registered plastic units in the State. There is no unregistered unit in this state. The Department of Science and Technology, Government of Tripura has issued separate notification (no. 51 Date: 10-03-2015) for banning manufacture & use of all types plastic carry bags.
- 33. Uttar Pradesh:** The State has generated around 93,598 ton/annum of plastic waste during 2014-15. There are 115 registered plastic manufacturing/recycling units, out of which 1 unit deals with compostable plastic and 80 units deal with multilayer packaging. Along with this, there are 53 unregistered plastic manufacturing/recycling units in the State. Department of Urban Development, Government of Uttar Pradesh has issued a separate Gazette Notification No. 2448/(k)-2000 dated 01.11.2000. 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 manufacturers in this state. Total 43 notices have been issued under Air Act and Water Act for violations of provisions of PWM Rules, 2011.
- 34. Uttarakhand:** The SPCB has not provided information, on implementation of Plastic Waste (Management & Handling) Rules, 2011.
- 35. West Bengal:** The information about plastic waste generation for the year 2014-15 is not available for this State. There are total 92 plastic manufacturing recycling/manufacturing units in West Bengal. As per Rule '6' of PWM Rules, 2011, polymer bitumen roads have been constructed under jurisdiction of few ULBs in this State. There is a ban on use of plastic carry bags in ecologically fragile area and certain heritage and tourist places. There are total 127 local bodies under jurisdiction of West Bengal Pollution Control Board.

3.0 Recommendations

As per Rule 12 of PWM Rules, 2011, SPCBs/PCCs shall prepare and submit the annual report on implementation of these Rules to CPCB by **30th September** (now 30th July, as per PWM Rules, 2016) every year. Out of 35 SPCBs/PCCs, only 23 SPCBs/PCCs have provided information on implementation of Plastic Waste (Management & Handling) Rules, 2011. Information provided by these States/UTs is compiled as per the provisions of the PWM Rule, 2011. It has been noticed that SPCBs/PCCs are not getting information from all Urban Local Bodies (ULBs) of the State. Based on available information, the recommendations for improvement of implementation of PWM Rules are given as below:

1. As per the PW (M & H) Rules, 2011, all the plastic manufacturing/recycling units shall be registered with the concerned SPCBs/PCCs. There are around 217 unregistered plastic manufacturing/recycling units are still running in few States/UTs, namely: Andhra Pradesh, Bihar, Jammu & Kashmir, Jharkhand, Telangana 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 & Handling) Rules, 2011, 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 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: Goa, Chhattisgarh, Himachal Pradesh, Madhya Pradesh, Gujarat and Odisha are transporting their plastic waste in cement plants for co-processing and also for road construction etc. Besides, few other States/UTs namely: Nagaland, West Bengal and Puducherry are also using plastic waste for polymer bitumen road construction.

3. As per Rule '10' of Plastic Waste (Management & Handling) Rules, 2011, carry bag shall not be provided free of cost by retailers to customers and concerned municipal authority will be responsible for minimum pricing of carry bags. 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. However only '15' States/UTs have imposed

complete ban on use of plastic carry bags. 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, thin carry bags (<40µ) are used widely in other States/UTs.

4. As per the Rule '8' of PWM Rules, 2011, 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.

5. As per Rule '11' of PWM Rules, 2011, there shall be a State Level Advisory Body to monitor the implementation of PWM Rules, however, majority of the States/UTs have not constituted such monitoring body.

6. It has been observed that Municipal Authorities of the cities/towns are not implementing these Rules in holistic manner, hence lot of violations have been reported and littering of plastic waste is continued.

7. All the Municipal Authorities of the country may be asked to restrict the use, sale and stock of plastic carrybags. They may be asked to promote eco-friendly bio-based compostable carrybags conforming IS/ISO: 17088.

NOTE: State wise table showing information on implementation of the Rules is **Annexed.**

State-wise summary of Implementation of PWM Rules, 2011
(2014-2015)

1	2	3			4	5	6	7	8	9	10	11	12
Name of the SPCB/PCC	Estimated Plastic Waste generation on Tons Per Annum (TPA)	No. Of registered Plastic Manufacturing/Recycling (including multilayer, compostable units) (Rule 9)			No. of unregistered plastic manufacturing Recycling units. (in residential/unapproved areas)	States/UTs issued separate Act/Notification if any (Attach copy of notification or executive order)	Implementation of Plastic Waste Management (PWM) e.g. Collection, Segregation, Disposal (Co-processing road construction etc.) (Rules 6) (Attach separate sheet)	Partial or complete ban on usages of Plastic Carry Bags (through Executive Order) (Attach list of Plastic/Cities/Towns)	Status of Marking Labelling on carry bags (Rule 8)	Explicit Pricing of carry bags (Rule 10)	Recommendation of State Level Advisory (SLA) Body along with the recommendations on Implementation (Rule 11)	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
		Plastic units	Compostable Plastic Units	Multilayer Plastic units									
Andhra Pradesh	128480	63	Nil	8	19	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Arunachal Pradesh	37.7	Nil	Nil	Nil	Not available	Not available	Not available	Ban in few districts	Not available	Not available	Not available	Not available	Not available
Assam	Information not provided												
Bihar	Not available	31	Nil	Nil	55	No	Not available	Not available	Not available	Not available	No advisory issued	Not available	Not available
Chhattisgarh	Not available	12	Nil	1	Nil	Govt. of Chhattisgarh issued notification regarding ban on plastic carry bags	03 cement plants in Chhattisgarh has been granted permission for co-processing of plastic waste	Vide notification, dated 24.12.2014 for complete ban on plastic carry bags	Nil	Nil	Not available	Not available	Not available

1	2	3			4	5	6	7	8	9	10	11	12
Goa	104	21	Nil	Nil	Nil	Goa Non-biodegradable Act	MoU Signed with M/s ACC, WadiVandatta cement works for co-processing of plastic waste generated in the State of Goa	No	Not available	Goa Non-biodegradable act	Monitoring cum working Committee on Solid Waste Management and high level task force	Nil	
Gujarat	265568.2	612	Nil	23	0	No	During April 2014 to March 2015, total 31990.46 MT of plastic waste is co-processed in cement plants	Complete ban in Gandhinagar City (Vide notification no. VM(14)ENV-10-10-2008)	Suitable Action is taken in case of violation	compiled	No	01-04-2014 to 31-03-2015 SCN issued: 121, Notices of direction: 16, Direction (closure): 87 (municipal authority imposed penalty/ceased plastic carry bags less than 40 micron thickness)	28 out of 167
Haryana	Information not provided												
Himachal Pradesh	1004	Nil	Nil	Nil	Nil	HP Non-biodegradable Garbage Control Act 1995 Enacted	Manual segregation of plastic waste was being carried out at the plant site by the operator & RDF was sent for co-processing in cement industry	Complete ban on use of carry bags. There is no plastic carry bag manufacturing unit in the State	Not available	Not available	Nil	Not available	Out of 56 only 28 Local Bodies have submitted information

1	2	3			4	5	6	7	8	9	10	11	12
Jammu & Kashmir	4164.45	63	Nil	9	1	J&K Non-Biodegradable (Management, Handling & Disposal Act 2007)	Nil	SRO-182: Complete ban on plastic carry bags, excluding health-care establishment	No carry bag manufacturing unit is consented by the board	Nil	Not yet constituted	1605.16 quintals of carry bags seized so far	78
Jharkhand	35262.36	Nil	Nil	Nil	4	Separate notification for provisions related to use and sell of plastic carry bags/packaging	Not available	Partial ban	Not available	Not available	Not available	1	Not available
Karnataka	Information not provided												
Kerala	Information not provided												
Madhya Pradesh	27763.6	28	Nil	4	Nil	HP JaivAnaashyaApushishthaNiy antranAbhiyan 2004	6977.78 MT PW co-incinerated in cement kilns	Complete ban on sub-standardized carry bags	Yes	Few Local Bodies have decided carry bag's pricing	Yes	1. 200 kg of plastic carry bags are seized 2. One court case and letter issued to two other manufacturing industries	205
Maharashtra	Information not provided												
Manipur	25	9	Nil	Nil	Nil	No	MPCB has requested different stakeholders for strict compliance of PWM Rules	Ban on plastic carry bags less than 40 micron thickness	Not available	Not available	Constituted and recommended strict Compliance of PWM Rules in the jurisdiction of concerned authority/department	45 notices issued to shopkeepers/sellers for use of plastic carry bags less than 40 microns	Not available
Meghalaya	13.94	3	Nil	1	Nil	The Meghalaya Prohibition of Manufacture, Use, Sale and Throwing of Low Density Plastic Bags Act, 2001 (less than 40 micron)	MPCB asked all the cement plants to use plastic in co-incineration	Complete ban on plastic carry bags less than 40 microns	No carry bag manufacturer in the State	Not available	Not available	Nil	Not available

1	2	3			4	5	6	7	8	9	10	11	12
Mizoram	45625 (Aizawl City only)	Nil	Nil	Nil	Nil	Nil	Registration of stockist and manufacturer of plastic carry bags to i.e. less than 40 micron thickness	Nil	Nil	Nil	Nil	Nil	1
Nagaland	Not available	3	Nil	Nil	Not available	Not available	1. NPCB constructed bitumin polymer road within office premises 2. NPCB requested CPCB Zonal Office, Shilong for the proposal trial of co- incineration facility in Bokajan cement plant in Assam	Complete ban on use of plastic carry bags, poly bags wef. 01-01- 2014	Started in Kohima city	No	Constituted	Nil	3-municipal boadies and 6-town councils
Odisha	1871.13	19	Nil	Nil	Nil	Nil	Few urban local boadies are sending their plastic waste to M/s ACC Ltd. Bargarh	Few ULBs have banned use of plastic carry bags partially or completely, through executive order	Not properly labelled and marked	Minimum price fixed	1. Mass awareness among public 2. Vigilance squad formation for checking min. thickness (40 micron) 3. Discouraging use of plastic carry bags 4. Use PW in road construction 5. Action plan for plastic waste processing unit in dumping area	Nil	21 out of 111

1	2	3			4	5	6	7	8	9	10	11	12
Punjab	43282.27	164	Nil	2	70	1.The Punjab Plastic Bag (Manufacture, use and disposal) Control Act, 2005; 2.No. S.As per O.438/p.A.9/1994/S30/2016 (dated 29-03-2016) Gram Panchayat shall completely prohibit manufacture, stock, distribute, recycle sell or use of plastic carry bags in their respective jurisdiction	Direct disposal along with MSW	Ban on carry bags having thickness less than 40 micron	Most of the units are making labelling on carry bags	Prices to be fixed by local bodies	Not available	46	137
Rajasthan	Information not provided												
Sikkim	Information not provided												
Tamil Nadu	Information not provided												
Telangana	123005	193	Nil	Not available	15	Not available	Not available	Not available	Not available	Not available	Not available	Not available	Not available
Tripura	33	41	Nil	Nil	Nil	Order for complete ban on all type of carry bags (no. 51 Date: 10-03-2015)	Not available	Complete ban on all type of plastic carry bags	Not started	Not applicable	Necessary actions for execution/implementation of complete banning order in Tripura are in force	1 closure order issued	20
Uttar Pradesh	93597.97	34	1	80	53	Gazette Notification No. 2448/(k)-2000 dated 01.11.2000 by Urban Development Department of UP Govt.	Not available	Complete ban on manufacturing, import, storage, transportation, sale and use of plastic carry bags.	Not followed by the manufacturers	Not available	Not available	43 Notices have been issued under Air Act and Water Act	634 Local Bodies , No Annual Report is submitted by any Local Body
Uttarakhand	Information not provided												
West Bengal	Not available	92	Nil	Not available	Not available		Polymer bitumen roads have been constructed at some ULBs	(Ban on use of plastic carry bags in ecologically fragile area and certain heritage and tourist place)	Not available	Responsibility of ULBs	No record received from SLA	Nil	127 under jurisdiction

1	2	3			4	5	6	7	8	9	10	11	12
Andaman and Nicobar Islands	2737	Nil	Nil	Nil	Nil	Notification No. 202, Dated: 02.08.2010 for complete ban on use, storage, import, manufacture, transportation, sale and disposal of plastic carry bags	1. 104 tons of plastic waste is transported to mainland for disposal 2. 100% door to door collection of MSW by PBMC in 18 wards and segregation of waste in 2 wards	Notification No. 202, Dated: 02.08.2010 for complete ban on use, storage, import, manufacture, transportation, sale and disposal of plastic carry bags	Does not arise	Does not arise	1. PBMC has banned plastic carry bags completely 2. Vigilance squad for enforcing rules 3. Plastic waste is stocked & transported to mainland through authorized agency.	Nil	Nil
Chandigarh	Information not provided												
Dadra and Nagar Haveli	Information not provided												
Daman and Diu	Information not provided												
Lakshadweep	Information not provided												
Delhi – NCR	Information not provided												
Puducherry	16425	16	Nil	2	Nil	G.O. Ms. No. 20/Env/2009, Dated 9th December 2009. It is being implemented by PPCC	PWD has used plastic waste for road construction under pilot study	Not available	Being carried out	Being followed	Constituted	One case under section 19 of EPA was filed	5
TOTAL	7,88,999.62	1425	1	130	217								