

PREPARATION OF ACTION PLAN FOR PRODUCERS/ IMPORTERS/ BRAND OWNERS (PIBOS) FOR PLASTIC WASTE MANAGEMENT

1.0 Background:

Plastic Waste Management(PWM) Rules 2016 provide a regulatory framework for management of plastic waste generated in the country. The provisions of these Rules lay emphasis on plastic waste minimization, source segregation, recycling, involving waste pickers, recyclers and waste processors in collection of plastic waste fraction either from households or any other source of its generation or intermediate material recovery facility and adopt polluter's pay principle for the sustainability of the waste management system.

As per the provisions of the PWM Rules the PIBOs have to work out modalities for waste collection system based on Extended Producers Responsibility (EPR). **EPR means the responsibility of a producer (includes Brand-owners/Importers) for the environmentally sound management of the product until the end of its life.** Further the PIBOs are required to obtain Registration from CPCB/ SPCBs/PCCs (as the case may be) prior to commencement of production. The PIBOs are required to apply for Registration in Form I along with the Action Plan for plastic waste management.

This document gives the outline for framing the Action Plan for plastic waste management(PWM) by PIBOs.

2.0 Alternatives for Action Plan

The following alternatives may be considered for preparation of action plan for PWM :

- (i) **Plastic Waste management through Own Distribution channels-**
 - a. **Waste Collection:** Through own distribution channel.
 - b. **Waste Quantity :** Waste quantity should be equivalent to the estimated quantity of plastic waste generated.
 - c. **Waste Recycling:** In this case , the PIBOs Owner must have contract with the recyclers to ensure that the waste collected by them is sent to the recyclers. Alternatively, the PIBOs can send the plastic waste for co-processing in cement mills. Road making or any other waste processing facility, the documentary proof of which has to be submitted to CPCB.
 - d. **Action Plan Coverage:** To cover the area in which the products are sold to ensure collection of plastic waste preferably in the states/UT covered by their distribution channel

(ii) **Plastic Waste management through Urban Local Bodies(ULBs):** The PIBOs can engage with the ULBs for collection, segregation and recycling of equivalent quantity of plastic waste.

a) **Waste Collection:** In partnership with ULBs.

b) **Waste Quantity :** Waste quantity should be equivalent to the estimated quantity of plastic waste generated.

c) **Waste Recycling:** In this case , the PIBOs/ULBs may have contract with the recyclers to ensure that the waste collected by them is sent to the recyclers. Alternatively, the plastic waste can be sent for co-processing in cement mills/ Road making or any other waste processing facility, the documentary proof of which has to be submitted to CPCB.

d) **Action Plan Coverage:** To ensure Pan-India coverage, preferably one ULB from each of the five zones of India i.e North, South, Central , East and West India may be engaged by PIBOs selling their products on Pan-India basis. For those PIBOs selling their products in a limited no. of States/UTs – ULBs may be engaged so as to ensure maximum coverage of States/UTs. Also, to ensure that cities of all categories are covered preferably one ULB from Tier I, II & III be engaged.

(iii) **Through Agency:** in which the Agency must have necessary contracts with the ULBs for collection & segregation of waste and with the recyclers for reuse /recycle of waste. Other requirements of this alternative shall be same as “ii” above.

a) **Waste Collection:** In partnership with Agencies

b) **Waste Quantity :** Waste quantity should be equivalent to the estimated quantity of plastic waste generated.

c) **Waste Recycling:** In this case , the PIBOs/Agencies may have contract with the recyclers to ensure that the waste collected by them is sent to the recyclers. Alternatively, the plastic waste can be sent for co-processing in cement mills/ Road making or any other waste processing facility, the documentary proof of which has to be submitted to CPCB.

d) **Action Plan Coverage:** To ensure Pan-India coverage, preferably one Agency from each of the five zones of India i.e North, South, Central , East and West India may be engaged by PIBOs selling their products on Pan-India basis. For those PIBOs selling their products in a limited no. of States/UTs – Agencies may be engaged so as to ensure maximum coverage of States/UTs. Also, to ensure that cities of all categories are covered preferably one Agency from Tier I, II & III be engaged.

PIBOs may consider any or a combination of the above alternatives for preparation of the Action plan. In addition to the above three alternatives, PIBOs may submit the Action Plan following any other option which is feasible and ensures management of plastic waste management in accordance with provisions of PWM Rules.

3.0 Implementation and Monitoring Plan:

- (i) PIBOs need to submit verification process in case of engagement of Agency to confirm that said quantity of waste has been managed by the Agency and there is no overlap / duplication with other PIBOs.
- (ii) The Action Plan submitted by PIBOs shall be sent to concerned SPCBs/PCCs for confirmation.
- (iii) The PIBOs to submit the details of waste collected through either of the three options in 2.0 above and submit it to CPCB/SPCB on quarterly basis. Format of submission of quarterly report is enclosed at Annexure II.
- (iv) SPCB in turn to verify the claims submitted by the PIBOs with the concerned ULBs/ recyclers and confirm the same to CPCB within 15 days of receipt of the details.

4.0 Validation of Information submitted by PIBOs

- (i) The PIBOs shall be solely responsible for the information provided to SPCB/CPCB.
- (ii) If, at any stage, information provided by the PIBOs is found to be incorrect, then the Registration granted by CPCB shall be cancelled.

Format for framing Action plan for PWM incorporating the above points is placed at Annexure I. Format for Submitting Quarterly Reports on PWM by PIBOs to CPCB is enclosed at Annexure II.

ANNEXURE I

Format for framing Action plan for PWM

Sl.No	Item	Description
1	Name & Address of the Unit	
2	Quantity & Type of Plastic Consumed	
3	Estimated quantity of Plastic Waste to be generated	
4	Action Plan for Own Waste/ Equivalent quantity of Waste	
5	In case of Equivalent Quantity of Waste, source of waste generation to be identified	
6	Action Plan based on: a) Own Distribution Channel b) Engagement with ULBs c) Engagement of Agency d) Any Other (please provide details)	
6a	Own Distribution Channel	
i	Details of Distribution Network	
ii	Does the Network have Pan- India coverage	
iii	Estimated Qty of Waste to be Collected	
iv	Mode of Reusing/Recycling Waste (Recycler/ Road Making / Coprocessing/ Others (please specify)	
v	Details (including registration details) of Recycler / Coprocessor/ Agency engaged in Road making/ Others (please specify)	
vi	Break-up of quantity proposed to be sent to Recycler / Coprocessor/ Agencies engaged in Road making/ Others (please specify)	
6b	Engagement with ULBs	
i	List of ULBs to be engaged with for PWM	
ii	Does the above list ensure Pan India coverage	
iii	Break up of Waste to be collected in association with the ULBs	
iv	Document supporting engagement with ULBs	
v	Mode of Reusing/Recycling Waste (Recycler/ Road Making / Coprocessing),	
vi	Engagement with Recycler / Coprocessor/ Agency engaged in Road making	
vii	Details (including registration details) of Recycler / Coprocessor/ Agency engaged in Road making	
viii	Break-up of quantity proposed to be sent to Recycler / Coprocessor/ Agencies engaged in Road making	
ix	Document supporting engagement with Recycler / Coprocessor/ Agency engaged in Road making	

6c	Engagement of Agency	
i	List of Agencies to be engaged with for PWM	
ii	Does the above list ensure Pan India coverage	
iii	Document supporting engagement of the Agency by the ULBs/ Bulk Waste generators	
iv	Break up of Waste to be collected/segregated by the Agency	
v	Mode of Reusing/Recycling Waste (Recycler/ Road Making / Coprocessing)	
vi	Engagement with Recycler / Coprocessor/ Agency engaged in Road making	
vii	Details (including registration details) of Recycler / Coprocessor/ Agency engaged in Road making	
viii	Break-up of quantity proposed to be sent to Recycler / Coprocessor/ Agencies engaged in Road making	
6d	Any Other Options (Please specify and provide details on PWM as per 6 a-c above)	

(Signature),

(Name & Designation of Authorized person)

Note : The PIBOs to submit the material flow sheet for PWM incorporating the above details

ANNEXURE II**Format for Submitting Quarterly Reports on PWM by PIBOs to CPCB**

Sl.No	Item	Description
1	Name & Address of the Unit	
	Period for which Quarterly Report is submitted	
2	Quantity & Type of Plastic Consumed	
3	Quantity of Plastic Waste generated	
4	Details of Waste Collected	
a	Details of waste collected through Own Distribution Channel (Quantity along with supporting Documents)	
b	Details of Waste Collected through ULBs (Name, Quantity along with Supporting Documents)	
c	Details of Waste Collected through engaging Agency (Name, Quantity, Details of ULBs, Bulk Waste Generators along with Supporting Documents)	
d	Details of Waste Collected through Others (Please Specify)(Name, Quantity, Details of ULBs, Bulk Waste Generators along with Supporting Documents)	
5	Details of Waste Processed	
a	Details of waste sent to Recycler (Name, Quantity, Supporting Documents)	
b	Details of waste sent to Coprocessing (Name, Quantity, Supporting Documents)	
c	Details of waste sent to Road making (Name, Quantity, Supporting Documents)	
d	Details of waste sent to Others (please specify)(Name, Quantity, Supporting Documents)	

(Signature),

(Name & Designation of Authorized person)