

No. 8/28/99-PCB/

/10/2015

To,
The Chairman,
Central Pollution Control Board,
(Ministry of Environment and Forests)
Government of India,
Parivesh Bhawan, East Arjun Nagar,
DELHI- 110 0032.

ANNUAL REPORT OF MUNICIPAL SOLID WASTE FOR 2014-2015

1.	Name of the State/Union territory	:	GOA
2.	Name & address of the State Pollution Control	:	GOA STATE POLLUTION CONTROL BOARD
3.	Board/Pollution Control Committee Number of municipal authorities responsible for management of municipal solid wastes in the State/Union territory under these rules	:	14 NOS.
4.	Checklist for filling annual report on Municipal Solid Waste	:	Attached as Annexure-I
5.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule I [rule 4(3)]	:	Attached as Annexure-II
6.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule II [rules 6(1) and (3), 7(1)]	:	Attached as Annexure-III
7.	A Summary Statement on progress made by municipal authorities in respect of implementation of Schedule III [rules 6(1) and (3), 7(2)]	:	Attached as Annexure-IV
8.	A summary statement on progress made by municipal authorities in respect of implementation of Schedule IV [rules 6(1) and (3), 7(2)]	:	Attached as Annexure-V

Date: _____

Place : PANAJI- GOA

MEMBER SECRETARY
GOA STATE POLLUTION CONTROL BOARD

**CHECK LIST FOR FILLING ANNUAL REPORT ON MUNICIPAL SOLID WASTE
MANAGEMENT FOR THE YEAR, 2014 - 15**

Sr. No.	Description	Nos.
1.	Total Number of Local Bodies in the State (during 2014-15)	14
2.	Number of Towns in the state (2012-13)	
	(i) Nos. of Towns Class-I (more than 1,00,000 Population)	2
	(ii) Nos. of Class-II Towns (50,000-99,000 Population)	0
	(iii) Nos. of Class-III Towns (20,000-49,000 Population)	5
	(iv) Class IV Towns (10,000-19,000 Population)	4
	(v) Class V towns (5,000-9,999 Population)	3
	(vi) Class VI Towns (<5,000 Population)	0
	(vii) Unclassified Towns	0
	Total _____	14
3	Authorization for MSW Management (during 2014-15)	
	(i) Total Nos. of Application received from Urban Local Bodies (ULBs)	2
	(ii) Authorization granted to ULBs	1
	(iii) Authorization not granted	0
	(iv) Authorization under process	1
4	Nos. of Towns being implemented Schedule II of the MSW Rules (i.e. Collection, segregation, storage, transportation)	
	(i) Nos. Towns taken initiative	12
	(ii) Towns 100% complied	0
	(iii) Nos of Towns partially complied (Panaji, Pernem, Bicholim, Sanquelim, Valpoi, Ponda, Mapusa, Mormugao, Margao, Quepem, Cuncolim & Canacona)	12
	(iv) Nos. of Towns not complied	2
	(v) Names of Towns where good initiative (Panaji, Pernem, Bicholim, Valpoi, Ponda, Mapusa, Quepem & Cuncolim)	
5	Nos. of Waste processing plants (treatment facilities) (Specify nos. whether mechanical compost/vermicompost/pit compost/RDF/Bio-gas/Incineration/etc.	
	(i) Plants Operational (Bicholim, Sankhali, Margao, Quepem, Cuncolim, Canacona & Ponda)	8
	(ii) Plants proposed (Panaji, Valpoi, Mapusa)	3

6	Nos of Landfill sites	
	(i) Nos. of open dumping (Mormugao, Margao, Sanguem & Curchorem-Cacora)	4
	(ii) Nos of Sanitary Landfill Operational (Bicholim, Sanquelim, Quepem, Cuncolim & Canacona)	6
	(iii) Nos. of landfill ready, waiting for use	0
	(iv.) Nos. of landfill being constructed	1
	(v.) Nos. of landfill site identified (Panaji, Ponda, Margao, Mapusa)	4
7	Waste-to-Energy projects	
	(i) WTE project operational	0
	(ii) WTE project being constructed	0
	(iii) WTE project under plan	0

Annexure-I

SCHEDULE I

[rules 4(2) and (3)]

IMPLEMENTATION SCHEDULE

Sr. No.	Name of Municipal Council/Corporation	Setting up of waste processing and disposal facilities	Monitoring the performance of waste processing and disposal facilities	Improvement of existing landfill sites as per provisions of these rules	Identification of landfill sites for future use and making site(s) ready for operation
	NORTH GOA DISTRICT				
1	Corporation of City of Panaji, Panaji – Goa.	CCP has set up decentralized composting units in Housing Societies as well as in Municipal market area and public gardens to treat the bio degradable waste. The CCP has also setup sorting centers at St. Inez, Panaji, near Hindu Crematorium.	Monitoring is not carried out as site has not been established.	Not carried out	Site identified. Authorization issued by GSPCB and land is already acquired.
2	Pernem Municipal Council, Pernem – Goa.	The Council has set up decentralized composting units for treatment of bio degradable waste. The Council has set up 5 MT/D garbage processing unit with shredding and screening machine. Also 24 nos. of composting stations are set up having a capacity of 86 cu.m within the Municipal jurisdiction wherein the biodegradable waste is	Monitoring is not carried out.	Site newly set-up	Construction of Landfill site is completed. Total area utilized is 2200 sq.mts for construction of the landfill site.

		processed using windrows composting method.			
3	Bicholim Municipal Council, Bicholim – Goa.	The Council has set up facility for treatment of bio-degradable waste and has completed construction of landfill site	Monitoring is carried out.	Site newly set-up	Site selected is in use.
4	Sankhali Municipal Council, Sankhali – Goa.	The Council has set up facility for treatment of bio-degradable waste and has completed construction of landfill site.	Monitoring is carried out.	Site newly set-up	Site selected is in use.
5	Valpoi Municipal Council, Valpoi – Goa.	The Council has set up decentralized composting units for treatment of bio degradable waste. Also composting by using windrows method is carried out at the Garbage Treatment Plant shed.	Monitoring is not carried out as site has not been established.	Not carried out	Construction of Landfill site is in progress.
6	Ponda Municipal Council, Ponda – Goa.	The Council is treating the biodegradable waste collected from all the wards of the Council using OWC machines at Keriyan Khandepar.	Monitoring is not carried out as site has not been established.	Not carried out	Site identified/authorization issued by GSPCB and land is already acquired.
7	Mapusa Municipal Council	The Goa State Pollution Control Board has granted authorization to the Mapusa Municipal Council for Installation & Operation of Organic Waste Converter (OWC) with racking system having capacity of 5MT/day in property bearing survey No. 145/1 at Assagao, Bardez - Goa. A 1.5 MT OWC machine has been set up at Fish market, Mapusa for treatment of bio-degradable waste.	Monitoring is not carried out as site has not been established.	Not carried out.	Site identified/authorization issued by GSPCB. The council has acquired the land admeasuring 32,050.00Sq.mt. at Cunchelim for proposed setting up of the waste management facility.

	SOUTH GOA DISTRICT				
8	Mormugao Municipal Council, Mormugao – Goa.	The Council has established a treatment facility for treatment of bio degradable waste at Sada, Vasco-Da-Gama.	Monitoring is not carried out as site has not been established.	Not carried out	Site identified at Village Loutolim, same is under consideration with the Government.
9	Margao Municipal Council, Margao – Goa.	The garbage management plant is in operation.	Monitoring is not carried out as site has not been established.	Construction of the sanitary landfill is in progress.	Site identified/authorization issued by GSPCB and land is already acquired.
10	Quepem Municipal Council, Quepem – Goa.	The Construction work of setting up treatment facility for bio-degradable waste and landfill site is completed	Monitoring is not carried out	Not carried out	Site identified/authorization issued by GSPCB and land is already acquired.
11	Curcholem-Cacora Municipal Council, Curcholem – Goa.	The Council has constructed decentralized composting units for treating of bio degradable waste but are not properly functional. A temporary landfill site is in use.	Monitoring is not carried out as site has not been established.	Not carried out	Site identified/authorization issued by GSPCB and land acquisition in process.
12	Cuncolim Municipal Council, Cuncolim – Goa.	The Council has set up facility for treatment of bio-degradable waste and has completed construction of landfill site	Monitoring is carried out.	Not carried out	Site selected is in use.
13	Sanguem Municipal Council, Sanguem – Goa.	The Council has set up 15 Nos. decentralized composting units for treatment of bio degradable waste.	Monitoring is not carried out as site has not been established.	Not carried out	Site identified/authorization issued by GSPCB and land acquisition in process.

14	Canacona Municipal Council	The Council has set up facility for treatment of bio-degradable waste and has completed construction of landfill site.	Monitoring carried out by the Council	Site newly set-up	Site selected is in use.
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Annexure-II

SCHEDULE II

[rules 6(1) and (3), 7(1)]

MANAGEMENT OF MUNICIPAL SOLID WASTES

Sr.No.	Name of Municipal Council/Corporation	Collection of Municipal Solid waste	Segregation of Municipal Solid Wastes	Storage of Municipal Solid wastes	Transportation of Municipal Solid wastes	Processing of Municipal Solid wastes	Disposal of Municipal Solid wastes
	NORTH GOA DISTRICT						
1	Corporation of City of Panaji	Partly Complied	Complied	Complied	Complied	Partly Complied	Partly Complied
2	Pernem Municipal Council	Partly Complied	Partly Complied	Partly Complied	Complied	Partly Complied	Partly Complied
3	Bicholim Municipal Council	Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied

4	Sankhali Municipal Council	Partly Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
5	Valpoi Municipal Council	Complied	Partly complied	Partly Complied	Complied	Partly Complied	Partly complied
6	Ponda Municipal Council	Complied	Complied	Partly Complied	Complied	Partly Complied	Partly Complied
7	Mapusa Municipal Council	Complied	Partly complied	Complied	Complied	Partly complied	Partly complied
	SOUTH GOA DISTRICT						
8	Mormugao Municipal Council	Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
9	Margao Municipal Council	Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
10	Quepem Municipal Council	Complied	Complied	Partly Complied	Complied	Partly Complied	Partly Complied
11	Curcholem-Cacora Municipal Council	Complied	Partly Complied	Partly Complied	Complied	Not complied	Not complied
12	Cuncoim Municipal Council	Complied	Complied	Complied	Complied	Partly complied	Partly Complied
13	Sanguem Municipal Council	Complied	Not complied	Not complied	Complied	Not complied	Not complied
14	Canacona Municipal Council	Complied	Complied	Complied	Complied	Partly complied	Partly Complied

Annexure-III

SCHEDULE III

[rules 6(1) and (3), 7(2)]

SPECIFICATIONS FOR LANDFILL SITES

Sr.No.	Name of Municipal Council/Corporation	Identification of Site/Issued Authorization by the GSPCB	Construction of Landfill Site
	NORTH GOA DISTRICT		
1	Corporation of City of Panaji	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site.
2	Pernem Municipal Council	Has identified site & also been issued authorization by the GSPCB	Landfill site constructed.
3	Bicholim Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has established a landfill site.
4	Sankhali Municipal Council	Has identified site & also been issued authorization	Has established a sanitary landfill site.

		by the GSPCB	
5	Valpoi Municipal Council	Has identified site & also been issued authorization by the GSPCB	Construction of landfill site is in progress.
6	Ponda Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site.
7	Mapusa Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site.
	SOUTH GOA DISTRICT		
8	Mormugao Municipal Council	Site identified, same is under consideration with the Government.	Has not established a landfill site.
9	Margao Municipal Council	Has identified site & also been issued authorization by the GSPCB	Construction of landfill site is in progress.
10	Quepem Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has established a landfill site.
11	Curcholem-Cacora Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has established a temporary landfill site.
12	Cuncolim Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has established a landfill site.
13	Sanguem Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site.
14	Canacona Municipal Council	Has identified site & also been issued authorization	Has established a landfill site.

		by the GSPCB	
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Annexure-IV

SCHEDULE IV

[rules 6(1) and (3), 7(2)]

STANDARDS FOR COMPOSTING, TREATED LEACHATES AND INCINERATION

Sr. No.	Name of Municipal Council/Corporation	Establishment of Composting Plant
	NORTH GOA DISTRICT	
1	Corporation of City of Panaji	Has established decentralized composting stations.
2	Pernem Municipal Council	Has established 24 Nos. of composting stations.
3	Bicholim Municipal Council	Has established mechanized composting plant
4	Sankhali Municipal Council	Has established mechanized composting plant
5	Valpoi Municipal Council	Has established about 2 nos of composting stations and also has established a composting plant.
6	Ponda Municipal Council	Has established composting plant.

7	Mapusa Municipal Council	Has established 10 Nos. of composting units
	SOUTH GOA DISTRICT	
8	Mormugao Municipal Council	Has established a composting plant
9	Margao Municipal Council	Has established integrated plant
10	Quepem Municipal Council	Has established composting units
11	Curcholem-Cacora Municipal Council	Has established aerobic composting plant
12	Cuncolim Municipal Council	Composting is carried out
13	Sanguem Municipal Council	Has established 15 Nos. of composting units.
14	Canacona Municipal Council	Has established composting plant.