

No. 8/28/99-PCB/

/04/2013

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 2011-2012**

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: _____	MEMBER SECRETARY GOA STATE POLLUTION CONTROL BOARD
Place : PANAJI- GOA	

**CHECK LIST FOR FILLING ANNUAL REPORT ON MUNICIPAL SOLID WASTE MANAGEMENT FOR THE YEAR, 2011 - 12**

Sr. No.	Description	Nos.
1.	Total Number of Local Bodies in the State (during 2011-12)	14
2.	Number of Towns in the state (2011-12)	
	(i) Nos. of Towns Class-I ( more than 1,00,000 Population)	1
	(ii) Nos. of Class-II Towns ( 50,000-99,000 Population)	2

	(iii) Nos. of Class-III Towns ( 20,000-49,000 Population)	2
	(iv) Class IV Towns (10,000-19,000 Population)	6
	(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 2011-12)	
	(i) Total Nos. of Application received from Urban Local Bodies (ULBs)	4
	(ii) Authorization granted to ULBs	4
	(iii) Authorization not granted	4
	(iv) Authorization under process	0
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 <b>(Panaji, Pernem, Bicholim, Sanquelim, Valpoi, Ponda, Mapusa, Mormugao, Margao, Quepem, Cuncolim &amp; Canacona)</b>	12
	(iv) Nos. of Towns not complied	2
	(v) Names of Towns where good initiative <b>(Panaji, Pernem, Bicholim, sanquelim, Valpoi, Ponda, Mapusa, Mormugao,</b>	

<b>Margao, Quepem, Cuncolim &amp; Canacona.)</b>		
5	Nos. of Waste processing plants (treatment facilities) (Specify nos. whether mechanical compost/vermicompost/pit compost/RDF/Bio-gas/Incineration/etc.	
	(i) Plants Operational <b>(Pernem, Bicholim, Sanquelim, Margao, Quepem, Cuncolim &amp; Canacona)</b>	7
	(ii) Plants proposed <b>(Panaji, Valpoi)</b>	2
6	Nos of Landfill sites	
	(i) Nos. of open dumping <b>(Mapusa, Mormugao, Margao, Sanguem, Curchorem)</b>	5
	(ii) Nos of Sanitary Landfill Operational <b>(Pernem, Bicholim, Sanquelim, Quepem, Cuncolim &amp; Canacona)</b>	5
	(iii) Nos. of landfill ready, waiting for use	0
	(iv.) Nos. of landfill being constructed	0
	(v.) Nos. of landfill site identified <b>(Panaji, Valpoi, Ponda, Margao)</b>	4
7	Waste-to-Energy projects	
	(i) WTE project operational	0
	(ii) WTE project being constructed	0

	(iii) WTE project under plan	0
8	Any other information	

**SCHEDULE I**  
[rules 4(2) and (3)]  
**IMPLEMENTATION SCHEDULE**

<b>Sr. No.</b>	<b>Name of Municipal Council/Corporation</b>	<b>Setting up of waste processing and disposal facilities</b>	<b>Monitoring the performance of waste processing and disposal facilities</b>	<b>Improvement of existing landfill sites as per provisions of these rules</b>	<b>Identification of landfill sites for future use and making site(s) ready for operation</b>
	NORTH GOA DISTRICT				

1	Corporation of City of Panaji, Panaji – Goa.	The Goa State Pollution Control Board has granted authorization to the CCP for setting up Municipal Waste Management facility at sy. no. 31/1, 34/1-C-1 at Goalim – Moula village of Tiswadi Taluka. 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 and the construction of the landfill site is completed and installation of the machineries for garbage treatment is in progress.	Monitoring is not carried out as site has not been established.	Not carried out	Construction of Landfill site is completed.
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	Sanquelim Municipal Council, Sanquelim – 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	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. Construction of Landfill site in progress.
6	Ponda Municipal Council, Ponda – Goa.	The Council has set up few decentralized composting units within the city, however, no facilities have been set up yet at the site due to opposition from the locals.	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.
7	Mapusa Municipal Council	The Council has set up few decentralized composting units within the city.	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.
	SOUTH GOA DISTRICT				

8	Mormugao Municipal Council, Mormugao – Goa.	The Council has established a treatment facility for treatment of bio degradable waste	Monitoring is not carried out as site has not been established.	Not carried out	Not yet set up
9	Margao Municipal Council, Margao – Goa.	The garbage management plant is in operation	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
10	Quepem Municipal Council, Quepem – Goa.	The Construction work of setting up treatment facility for bio-degradable waste and landfill site is in progress	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.
11	Curcholem-Cacora Municipal Council, Curcholem – Goa.	The Council has constructed decentralized composting units for treating 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.
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.	Site newly set-up	Site selected is in use.
13	Sanguem Municipal Council, Sanguem – Goa.	The Council has set up 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.

**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	Complied	Complied	Complied	Complied	Partly Complied	Partly

							Complied
2	Pernem Municipal Council	Partly Complied	Not complied	Not complied	Complied	Partly Complied	Partly Complied
3	Bicholim Municipal Council	Partly Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
4	Sanquelim Municipal Council	Partly Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
5	Valpoi Municipal Council	Partly Complied	Not complied	Not complied	Partly Complied	Partly Complied	Partly complied
6	Ponda Municipal Council	Complied	Complied	Does not comply	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	Partly Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
9	Margao Municipal Council	Partly Complied	Partly Complied	Complied	Complied	Partly Complied	Partly Complied
10	Quepem Municipal Council	Complied	Complied	Partly Complied	Complied	Partly Complied	Partly Complied
11	Curchorem-Cacora Municipal Council	Partly Complied	Partly Complied	Partly Complied	Complied	Does not comply	Does not comply
12	Cuncolim Municipal Council	Complied	Complied	Complied	Complied	Partly complied	Partly Complied
13	Sanguem Municipal Council	Partly complied	Partly Complied	Does not comply	Complied	Does not comply	Does not comply
14	Canacona Municipal Council	Complied	Partly Complied	Complied	Complied	Partly complied	Partly Complied

**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	Has not established a landfill site



		by the GSPCB	
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	Sanquelim Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has established a landfill site
5	Valpoi Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site
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 established a landfill site
	<b>SOUTH GOA DISTRICT</b>		
8	Mormugao Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site
9	Margao Municipal Council	Has identified site & also been issued authorization by the GSPCB	Has not established a landfill site
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 not established a 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 by the GSPCB	Has established a temporary landfill site

**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
	<b>NORTH GOA DISTRICT</b>	
1	Corporation of City of Panaji	Has established about 60 decentralized composting stations

2	Pernem Municipal Council	Has established about 24 nos of composting stations
3	Bicholim Municipal Council	Has established mechanized composting plant
4	Sanquelim Municipal Council	Has established mechanized composting plant
5	Valpoi Municipal Council	Has established about 2 nos of composting stations
6	Ponda Municipal Council	Has established composting stations in wards and also sends balance waste for composting to Private Farms
7	Mapusa Municipal Council	Has established composting stations
	SOUTH GOA DISTRICT	
8	Mormugao Municipal Council	Has established a composting plant
9	Margao Municipal Council	Partly composting of the bio degradable waste
10	Quepem Municipal Council	Composting is carried out in few wards
11	Curchorem-Cacora Municipal Council	Composting is carried out in few wards
12	Cuncolim Municipal Council	Composting is carried out in six wards
13	Sanguem Municipal Council	No composting being carried out
14	Canacona Municipal Council	Has established about 7 nos of composting stations