

## STATUS OF BIOMEDICAL WASTE MANAGEMENT IN KARNATAKA

### STATE

Karnataka has identified 26,927 Health Care Facilities (HCF) as on March 2014 (Details in Table 1). The waste is being disposed by common/captive facility with respect to solid waste and by captive facility with respect to liquid waste. Karnataka State Pollution Control Board is the prescribed authority in the state for implementation Bio-Medical Waste (Management and Handling) Rules, 1998

**Table 1 Summary of HCE Statistics in Karnataka (as on Mar-2014)**

Govt/pvt	HCE's	Numbers of HCEs	Total	Grand Total
Pvt	>500 bedded	28	2,492	19,746
	200-500 bedded	30		
	100-200bedded	60		
	50-100bedded	156		
	<50 bedded	2,218		
	Clinics	16,694	17,255	
	Path lab/Dia. Centre	387		
	Blood bank	41		
	others	132		
Govt	Med . Edu.	26	343	7,181
	Dist Hosp.	17		
	Taluk Hosp.	146		
	AYUSH bedded	103		
	BBMP	50	6,838	
	CHC	182		
	PHC	2,154		
	AYUSH-non bedded	659		
	Vet Hosp	362		
	Vet Desp	1,946		
	Prim .vet centre & art ins centre	1,535		
Total		26,927		26927

<b>Bedded Pvt</b>	<b>2,492</b>
<b>Bedded Govt</b>	<b>2,678</b>
<b>Total</b>	<b>5170</b>

<b>Non-Bedded Pvt</b>	<b>17,255</b>
<b>Non-Bedded Govt</b>	<b>4,502</b>
<b>Total</b>	<b>21757</b>

**Summary of Biomedical waste disposal Scenario in Karnataka is Given below:**

- Total Biomedical Waste generating units as on March 2014 : 26,927
  - Bedded units : 5170
  - Non bedded units : 21757

27 Common Bio Medical Waste Treatment Facilities have established the facilities out of which 19 are operational

**Liquid waste disposal**

Board has taken following stand with respect to liquid waste from HCFs

- a) Existing hospital in sewerage area with terminal STP may discharge in to sewers after disinfection
- b) Existing hospital in non- sewerage area shall use within the premises after treatment
- c) New hospital in local authorities shall grant license after hospital gets CFE from Board and shall use within the premises after treatment

**ENFORCEMENT:**

**Table 2 Common Bio-medical Waste Treatment Facility for Collection, Transportation, Treatment and Disposal in Karnataka**

Sl.No	Name of the CBMWTF	Website/ mail I.D of CBMWTF
1	M/s. Semb Ramky Environmental Management Pvt. Ltd., Plot No. 39, KIADB Industrial Area, Dobaspet, Somapura Hobli, Nelamangala Taluk, Bangalore Rural	<b>Website:</b> <a href="http://www.ramky.com">http://www.ramky.com</a> <b>Mail I.D</b> seshireddy.k@ramky.com
2	M/s. Maridi Eco Industries Pvt. Ltd., Sy.No.1/37, 1/38, 35th Miles Stone, Gabbadi Kaval, Kanakapura Road, Ramanagar District	<b>Website:</b> <a href="http://www.maridibmw.com">www.maridibmw.com</a> <b>Mail I.D</b> <a href="mailto:maridibmw@gmail.com">maridibmw@gmail.com</a>
3	M/s. Shree Consultants, No. 25, Varuna Village, Mysore District	<b>Website:</b> <a href="http://shreeconsultants.co.in">shreeconsultants.co.in</a> <b>Mail. I.D</b> <a href="mailto:shreeconsultantsbox@rediffmail.com">shreeconsultantsbox@rediffmail.com</a>
4	M/s. Hubli Dharwad Bio-Medical Waste Treatment Facility Plot No.126/L, Tarihal Industrial Area, Hubli-Dharwad District,	<b>Website:</b> <a href="http://www.hublidharwadbmtctf.com">www.hublidharwadbmtctf.com</a> <b>Mail. I D</b> <a href="mailto:riogreenenviron@yahoo.com">riogreenenviron@yahoo.com</a>
5	M/s. Association of Medical Establishment, Sy.No.12, Khasbag,Shahapur, Belgaum	<b>Website:</b> <a href="http://amegbmbiomedicalwaste.com">amegbmbiomedicalwaste.com</a> <b>Mail. I D</b> <a href="mailto:orthokale@hotmail.com">orthokale@hotmail.com</a>

6	M/s. Sushanth Environment Technologies Sy. No. 24/2, Amaravathi Colony, Kodahalli Road, Harihar Taluk, Davanagere.	<b>Mail. I D</b> <a href="mailto:gpmahesh3@gmail.com">gpmahesh3@gmail.com</a>
7	M/s. Shushrutha Bio Medical Waste Management Society, Site No. 31/c, KIADB industrial area, Machenahalli Village, Nadige post, Shimoga	<b>. Mail I.D:</b> <a href="mailto:shushruthasmg@gmail.com">shushruthasmg@gmail.com</a>
8	M/s. Centre for Environment Education, Sy.No.139, Sharasirasagiri Village, Afzalpur Road, Gulbarga.	<b>Website</b> <a href="http://www.bmwmindia.org">www.bmwmindia.org</a> <b>Mail I.D:</b> <a href="mailto:wankhede@ceeindia.org">wankhede@ceeindia.org</a>
9	M/s. Ramky Energy and Environmental Pvt. Ltd No.-47/B, Karnad Industrial Area(KIADB), Mulky, Mangalore	<b>. Website</b> <a href="http://www.ramky.com">http://www.ramky.com</a> <b>Mail I.D:</b> <a href="mailto:reaelmngl@ramky.com">reaelmngl@ramky.com</a>
10	M/s. Karnataka Private Medical Establishment Association, Sy.No.139, Mahlbagayat, Bijapur	<b>Website</b> <a href="http://www.KPMPTBIJAPUR.COM">www.KPMPTBIJAPUR.COM</a> <b>Mail I.D:</b> <a href="mailto:Sanjay.kengalgutti63@gmail.com">Sanjay.kengalgutti63@gmail.com</a>
11	M/s. Raichur Indian Medical Association CBMWTF(Operated by Vijayanagar Associates), Sy.No. 73/3, Ekklapur Village, Adjacent CMC Raichur MSW Site, Raichur	<b>Mail. I.D:</b> <a href="mailto:vasaviaso@gamil.com">vasaviaso@gamil.com</a>
12	M/s. The BVV Sangha Rural Development Foundation, Vidyagiri, Old APMC Area, Bagalkot	<b>Website</b> <a href="http://Rdfbmwtf.org/sangha.html">Rdfbmwtf.org/sangha.html</a> <b>Mail. I.D:</b> <a href="mailto:rdfbvvsb@gmail.com">rdfbvvsb@gmail.com</a>
13	M/s. Prajwal Management Systems, Plot N0. 1B/9, Hassan KIADB Growth Center, H.N. Pura Road, Hassan	<b>Website</b> <a href="http://www.vvincin.com">www.vvincin.com</a> <b>Mail. I.D:</b> <a href="mailto:mdgowda78@yahoo.co.in">mdgowda78@yahoo.co.in</a>
14	M/s. Meera Envirotech, Sy. No. 204, Haleri Road, Off Kolar-Chintamani Highway, Thotli Panchayati, Sugatur Hobli, Kolar District.	<b>Website</b> <a href="http://meeraenvirotech.com">http://meeraenvirotech.com</a> <b>Mail. I.D:</b> <a href="mailto:metbmw@gmail.com">metbmw@gmail.com</a>
15	M/s. Suryakanth Environmental Technology, Sy. No. 158, Bellary City Corporation Land, Opp. Agarwal Iron Steel Factory, Haraginadoni Village, Bellary District	<b>Website</b> <a href="http://www.suryaenvitech.com">www.suryaenvitech.com</a> <b>Mail. I.D:</b> <a href="mailto:suryaenvitech@gmail.com">suryaenvitech@gmail.com</a>

16	M/s. Anu Autoclave & Incin Services, Sy. No.145/2, gullahalli Village, Sulibele Hobli, Hosakote Taluk, Bangalore Rural District	<b>Mail I.D:</b> <a href="mailto:anuautoclave@yahoo.com">anuautoclave@yahoo.com</a>
17	M/s. Belgaum Green Environmental Management, Sy. No. 29, Haroogoppa Village, Haroogoppa-Murgoud Road, Soundatti Taluk, Belgaum District	<b>Website</b> <a href="http://www.belgaumgreen.com">www.belgaumgreen.com</a> <b>Mail I.D:</b> <a href="mailto:belgaumgreen@gmail.com">belgaumgreen@gmail.com</a>
18	M/s. Parisara Associates, Sy. No. 18, Bablad Village, Yadgir Taluk, Shahapur District, Yadgir	<b>Mail I.D:</b> <a href="mailto:parisara.associates@gmail.com">parisara.associates@gmail.com</a>
19	M/s. Gadag Enviro Tech, Plot. No. 48-P, Narasapura Growth Center, KIADB Indl. Area, Gadag District.	<b>Mail I.D:</b> <a href="mailto:gadagenviro@gmail.com">gadagenviro@gmail.com</a>
20	M/s. Kenara IMA Common Treatment Facility, at Sy No. 79A1, Bogribail Village, Ankola Taluk, Uttara Kannada District.	
21	M/s.Prajwal Management Systems, Plot No. 56, Gauribidanur New KIADB Industrial Area, Gauribidanur, Chikkaballapura District.	<b>Website</b> <a href="http://www.vvincin.com">www.vvincin.com</a> <b>Mail I.D:</b> <a href="mailto:mdgowda78@yahoo.co.in">mdgowda78@yahoo.co.in</a>
22	M/s. GIPS Bio-Tech, Sy. No. 82, Gujgegowdanapura Village, Jayapura Hobli, Mysore Taluk & District.	<b>Mail I.D:</b> <a href="mailto:gips.env@gmail.com">gips.env@gmail.com</a>
23	V.V. Incin Solutions Pvt Ltd., Sy. No. 456/P Dhyamavanahalli and Chitradurga MSW Site, Chitradurga Tq and District	<b>Mail I.D:</b> <a href="mailto:vvincin@gmail.com">vvincin@gmail.com</a>
24	M/s. Sharan Associates, Sy. No. 16/P1, kumararamakumata Village, Koppal Taluk & District	<b>Mail I.D:</b> <a href="mailto:venkatreddypate@gmail.com">venkatreddypate@gmail.com</a>
25	M/s. Enviro Biotech, Sy.No.119, Dhanura Village, Bhalki Taluk, Bidar-District.	<b>Mail I.D:</b> <a href="mailto:mchanda_bdr@yahoo.com">mchanda_bdr@yahoo.com</a>
26	M/s. Hygiene Biotech,. Plot No.77, A1, A2, A3, Sy.No.12, Kolhar Industrial Area, Nizampur Village, Bidar District	<b>Mail I.D:</b> <a href="mailto:zm_pharma786@yahoo.com">zm_pharma786@yahoo.com</a>
27	M/s. Ayush Envirotech Pvt ltd., Plot No.50, Nandikoor Industrial Area, KIADB Nandikoor Village, Udipi.	<b>Mail I.D:</b> <a href="mailto:ayushenviro@gmail.com">ayushenviro@gmail.com</a>

**Board has constituted District Level task Force for all the Districts in the Karnataka State vide letter No. KSPCB/BMW/WMC/EO-1/2013-13/480, Dt: 06.09.2012 which consisting of:**

- 1. Deputy commissioner of the district in charge - Chairperson**
- 2. District superintend of Police - Member**
- 3. District Health officer, Govt of Karnataka - Member**
- 4. Commissioner / Chief Officer- CMC/Corporation/  
Town Municipality - Member**
- 5. President, Indian Medical Association of the district - Member**
- 6. Representative of the NGO - Member**
- 7. Regional Officer - Member Convenor  
KSPCB of the District**