<table>
<thead>
<tr>
<th>Column 1</th>
<th>Column 2</th>
<th>Column 3</th>
<th>Column 4</th>
<th>Column 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>123</td>
<td>456</td>
<td>789</td>
<td>012</td>
<td>345</td>
</tr>
<tr>
<td>678</td>
<td>901</td>
<td>234</td>
<td>567</td>
<td>890</td>
</tr>
</tbody>
</table>

**Note:** The table contains numerical data and is formatted in a grid layout.
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name &amp; Address of the CBWTF with contact person name and telephone no.</th>
<th>Name of the cities/areas covered by CBWTF</th>
<th>Total no. of HC F's being covered</th>
<th>Total no. of beds covered</th>
<th>Total Quantity of BMW collected, treated and disposed of (in Kg/day)</th>
<th>Cost of treatment of BMW charged by the CBWTF operator (Rs. per Kg or Rs. per Day or Rs. per bed per day)</th>
<th>Treatment equipment/ facilities installed at CBWTF</th>
<th>Air Pollution Control Systems attached with the incinerator(s)</th>
<th>Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastics)</th>
<th>Compliance Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>M/s Rainbow Industries, Pathakunkam (V), Laveru (M), Srikakulam Distric. T. Anil Kumar 9391387742</td>
<td>Vizianagaram and Srikakulam in districts</td>
<td>352</td>
<td>6500</td>
<td>590</td>
<td>Rs.5.00/bed/per day</td>
<td>Incinerator: 1 2000 kg/day</td>
<td>Ventury scrubber and cyclone separator</td>
<td>Incineration Ash: Secured land fill to TSDF</td>
<td>No. of Show-cause notice Direction issued: --</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Autoclave: 1 1000 kg/day</td>
<td></td>
<td>Sharps: on site land fill</td>
<td>No. of Court cases: --</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Hydroclave: - -</td>
<td></td>
<td>Plastics: After treatment, sold to authorized recyclers</td>
<td>Others:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Microwave: - -</td>
<td></td>
<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Shredder: 1 1000 kg/day</td>
<td></td>
<td>Others:</td>
<td></td>
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<td></td>
<td>ETP: 1 1 KLD</td>
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<td>Others:</td>
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<td></td>
<td>Deep burial: - -</td>
<td></td>
<td>Others:</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Incinerator: 1 5000 kg/day</td>
<td>Two stage wet scrubber</td>
<td>Incineration Ash: To TSDF Parawada</td>
<td>No. of Show-cause notice Direction issued: --</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Autoclave: 1 1000 kg/day</td>
<td></td>
<td>Sharps: Sharps to Landfill</td>
<td>No. of Court cases: --</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Hydroclave: - -</td>
<td></td>
<td>Plastics:</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Microwave: - -</td>
<td></td>
<td>Others:</td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Shredder: 1 1000 kg/day</td>
<td></td>
<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ETP: 1 6 KLD</td>
<td></td>
<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Deep burial: - -</td>
<td></td>
<td>Others:</td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Maridi Eco Industries (Andhra) Pvt Ltd., 50-27-15/4, TPT.Colony, Seethammadhara, Visakhapatnam – 530013 Contact: G. Kishore 0891-2729304 Cell - 7337403346</td>
<td>Visakhapatnam District</td>
<td>483</td>
<td>11502</td>
<td>1700</td>
<td>Rs.5.00/bed/per day</td>
<td>Incinerator: 1 5000 kg/day</td>
<td>Two stage wet scrubber</td>
<td>Incineration Ash: To TSDF Parawada</td>
<td>No. of Show-cause notice Direction issued: --</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Autoclave: 1 1000 kg/day</td>
<td></td>
<td>Sharps:</td>
<td>No. of Court cases: --</td>
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<td></td>
<td></td>
<td>Hydroclave: - -</td>
<td></td>
<td>Plastics:</td>
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<td></td>
<td></td>
<td>Microwave: - -</td>
<td></td>
<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td>Shredder: 1 1000 kg/day</td>
<td></td>
<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td>ETP: 1 6 KLD</td>
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<td>Others:</td>
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<td></td>
<td></td>
<td></td>
<td>Deep burial: - -</td>
<td></td>
<td>Others:</td>
<td></td>
</tr>
<tr>
<td>Others: Nil</td>
<td>October 2017</td>
<td>8 KLD</td>
<td>ETP:</td>
<td>1</td>
<td>2000 kg/day</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sealed: 2</td>
<td>No of TISD Plan: 1</td>
<td>800 kg/day</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sealed: 1</td>
<td>Inception: 11-07-2011</td>
<td>2000 kg/day</td>
<td>-</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Deep Bench:**
  - ETP: 1 KLD
  - 800 kg/day
  -Shredder: 1
  - Wastewater: -
  - Hydroclave: -

- **Incineration:**
  - Ash: 1
  - Incinerator: 1
  - 800 kg/day

- **Ventilation Fan:**
  - 2000 kg/day

- **Scrubber:**
  - 800 kg/day

| Others: Nil | October 2017 | 8 KLD | ETP: | 1 | 2000 kg/day | - |
| Sealed: 2 | No of TISD Plan: 1 | 800 kg/day | - |
| Sealed: 1 | Inception: 11-07-2011 | 2000 kg/day | - |

- **Deep Bench:**
  - ETP: 1 KLD
  - 800 kg/day
  -Shredder: 1
  - Wastewater: -
  - Hydroclave: -

- **Incineration:**
  - Ash: 1
  - Incinerator: 1
  - 800 kg/day

- **Ventilation Fan:**
  - 2000 kg/day

- **Scrubber:**
  - 800 kg/day
<table>
<thead>
<tr>
<th>Name of the State Pollution Control Board (or) Pollution Control Committee</th>
<th>Andhra Pradesh Pollution Control Board, Paryavara Bhavan, A-III, Industrial Estate, Sanath Nagar, Hyderabad – 500 018. Tele No. 040-23887500; Fa No.: 040-23815634.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the Nodal Officer with contact telephone no. &amp; mobile no.</td>
<td>Sri. K. V. Rao, JCE, Head Office, Hyderabad. Mobile No. 9866776750, 040-23887550.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of Incineration Facility</th>
<th>District</th>
<th>Landmark</th>
<th>Bed Strength</th>
<th>Cost</th>
<th>Incineration Ash &amp; Sharps - Sent to TSDF Plant</th>
<th>No. of Show-cause notices/ Direction issued: Nil</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.</td>
<td>M/s. Safenviron, Chinakakani (V), Mangalagiri (M), Guntur District</td>
<td>Guntur District</td>
<td>516</td>
<td>12705</td>
<td>750</td>
<td>Rs.4/- per bed per day</td>
<td>Incinerator: 1 4000 kg/day</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Autoclave: 1 800 kg/day</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Hydroclave: -</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Microwave: -</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Shredder: 1 1000 kg/day</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>ETP: 1 15 KLD</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Deep burial: -</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Venturi Scrubber</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Plastics for Authorised recycler</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Others: Nil</td>
<td></td>
</tr>
</tbody>
</table>

| 6. | M/s. Safenviron Unit- II, Dharmavaram Thanda(V), Jaggayapet(M), Krishna District. | Krishna District | 656 | 11683 | 1061 | Rs.4.00 per bed/day | Incinerator: 1 5400 kg/day |
| | | | | | | Autoclave: 1 1400 kg/day |
| | | | | | | Hydroclave: - |
| | | | | | | Microwave: - |
| | | | | | | Shredder: 1 1400 kg/day |
| | | | | | | ETP: 1 5 KLD |
| | | | | | | Deep burial: - |
| | | | | | | Venturi Scrubber |
| | | | | | | Plastic for Recycling |
| | | | | | | Others: Nil |
## Information on Common Bio-medical Waste Treatment Facilities (CBWTFs) (for the Year 2015)

<table>
<thead>
<tr>
<th>Name of the State Pollution Control Board (or) Pollution Control Committee:</th>
<th>Andhra Pradesh Pollution Control Board, Paryavara Bhavan, A-III, Industrial Estate, Sanath Nagar, Hyderabad – 500 018. Tele No. 040-2388750; Fa No.: 040-23815631.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of the Nodal Officer with contact telephone no. &amp; mobile no.</td>
<td>Sri. K. V. Rao, JCEE, Head Office, Hyderabad. Mobile No. 9866776750, 040-23887550.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>No.</th>
<th>Name of the Facility</th>
<th>Location</th>
<th>Population</th>
<th>Population Density</th>
<th>Capacity ($/day)</th>
<th>Remarks</th>
</tr>
</thead>
</table>
| 9   | M/s. S S Bio Care, S.No 61, Plot No-2, APIIC, Attivaram village, Ozili (m), SPSR Nellore District. | SPSR Nellore district and Prakasam districts | 724 | 12465 | 1171 | Rs.3.00 per bed | Incinerator: 1 2000 kg/day
|     |                     |          |             |                     | Autoclave: 1 700 kg/day |
|     |                     |          |             |                     | Hydroclaves: -  - |
|     |                     |          |             |                     | Microwave: -  - |
|     |                     |          |             |                     | Shredder: 1 400 kg/day |
|     |                     |          |             |                     | ETP: 1 5 KLD |
|     |                     |          |             |                     | Deep burial: -  - |
|     | Incineration Ash: To land fill within the premises | Venturi Scrubber |
|     | Sharps: To land fill within the premises | No. of Show-cause notices/ Direction issued: 1 |
|     | Plastics: Recycled to authorised recyclers | No. of Court cases: Nil |
|     | Others: Nil | Signature of the authorised official & seal |

Station: ________________________________
Date: ________________________________
SUMMARY SHEET ON BIO-MEDICAL WASTE MANAGEMENT SCENARIO IN THE STATE/UT FOR THE YEAR 2015

(1) Name of the SPCB/PCC & Contact person with Telephone No./Mobile No.:
Andhra Pradesh Pollution Control Board,
Srl. K. V. Rao, JCEE, Head Office, Hyderabad.
Mobile No. 9866776750, 040-23887550.

(2) No. of HCFs:

<table>
<thead>
<tr>
<th>S. No.</th>
<th>HCF category</th>
<th>No. Of HCFs require authorisation under BMW Rules</th>
<th>No. Of HCFs does not require authorisation under BMW Rules</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a)</td>
<td>Bedded Hospitals</td>
<td>4218</td>
<td>-</td>
</tr>
<tr>
<td>(b)</td>
<td>Non-bedded Hospitals</td>
<td>567</td>
<td>255</td>
</tr>
<tr>
<td>(c)</td>
<td>Others (Veterinary Hospitals/Research Organisations etc.)</td>
<td>3</td>
<td>1</td>
</tr>
</tbody>
</table>

(3) Total No. of Beds in HCFs: 96592

(4) Status on Consents under Water Act & Air Act:
   a) No. of HCFs applied for Consents under Water & Air Acts: 258
   b) No. of HCFs obtained Consents under Water & Air Acts: 229
   c) No. of applications under consideration: 29
   d) No. of applications rejected: 0

(5) Status on Authorization under BMW Rules:

<table>
<thead>
<tr>
<th>S. No</th>
<th>Status</th>
<th>During the year 2015</th>
<th>Total HCFs status</th>
</tr>
</thead>
<tbody>
<tr>
<td>a)</td>
<td>No. of HCFs applied for Authorization</td>
<td>1952</td>
<td>4788</td>
</tr>
<tr>
<td>b)</td>
<td>No. of HCFs obtained Authorization</td>
<td>1835</td>
<td>4671</td>
</tr>
<tr>
<td>c)</td>
<td>No. of applications under consideration</td>
<td>117</td>
<td>117</td>
</tr>
<tr>
<td>d)</td>
<td>No. of applications rejected</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
(6) Details on On-Site treatment equipments installed by HCFs : (enclose details as annexure separately if required) :

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>No. of HCFs</th>
<th>On-site Deep Burial</th>
<th>On-site Incinerator</th>
<th>On-site Autoclave</th>
<th>On-site Microwave</th>
<th>On-site Hydroclave</th>
<th>On-site Shredder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
</tr>
<tr>
<td>1.</td>
<td>1</td>
<td>1400 kg/day</td>
<td>200 kg/day</td>
<td></td>
<td>1</td>
<td>1</td>
<td>800 kg/day</td>
</tr>
</tbody>
</table>

a) Total Bio-medical waste generated & treated by HCFs (on-site/captive facilities in Kg/day) : 55
b) Total recyclable & treated bio-medical waste sold off by HCFs in Kg/day : 10
c) Total treated Bio-medical waste disposed off by HCFs in Kg/day through a CBWTF : Nil

(7) No. of On-Site Incinerator(s) in operation installed by HCFs :

- a) With APCD : 1
- b) Without APCD : 0

(8) Details on Common Bio-medical Waste Treatment Facility (CBWTF) :

- a) Total No. of CBWTFs in operation : 9
- b) Total No. of CBWTFs under construction : 2
- c) Total No. of Incinerators installed by CBWTFs :
  - I. With APCD : 9
  - II. Without APCD : 0

(9) Details of CBWTFs (enclose details as annexure separately if required) :

<table>
<thead>
<tr>
<th>Sl. No.</th>
<th>Name of the CBWTF with complete address and contact details</th>
<th>No. of member HCFs</th>
<th>Incinerator</th>
<th>Autoclave</th>
<th>Microwave</th>
<th>Hydroclave</th>
<th>Shredder</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Nos</td>
<td>Nos</td>
<td>Nos</td>
<td>Nos</td>
<td>Nos</td>
<td>Nos</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
<td>Total installed capacit y in Kg/day</td>
<td>Total installed capacity in Kg/day</td>
</tr>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

a) Total Bio-medical waste collected & treated by CBWTFs in Kg/day : 8360
b) Total recyclable treated bio-medical waste sold off by CBWTFs in Kg/day : 2170
c) Total Bio-medical waste disposed off by CBWTFs in Kg/day : 5190 (Through incineration)
(10) Action taken against HCFs/CBWTFs for violation of provisions

a) No. of Show-cause notices issued to HCFs: 308
b) No. of Show-cause notices issued to CBWTFs: 5
c) No. of HCFs closed during the year 2015: 0
d) No. of CBWTFs closed during the year 2015: 0

(11) Details on Bio-medical Waste Management Scenario

a) Total Bio-medical Waste Generation in Kg/day: 8415
   i. Incinerable: 6235
   ii. Recyclable (after autoclaving followed by shredding): 2180
   iii. Disposable in secured landfill/deep burial/sanitary landfill: 416.8 (Ash)
b) Total Bio-medical Waste Collected in Kg/day: 8415
c) Total Bio-medical Waste Treated & Disposed in Kg/day: 8415

(12) Steps taken by SPCB/PCC for improvement in Bio-medical Waste Management scenario in the State/UT (pl. use Annexure for detail) during the year 2015:

- The Board is regularly monitoring the major hospitals and CBMWTFs in the state of Andhra Pradesh by conducting surprise inspections.
- The non complying hospitals were issued with show cause notices / directions for effective implementation of BMW Rules.
- Veterinary department of State Government is addressed to take action to dispose BMW as per Rules and obtain authorisation.
- A special drive has been conducted throughout the A.P. State in April, 2015 to ensure compliance.
- The Board has also taken steps to implement new BMW Rules issued by MoEF & CC in March, 2016.
- In the state of Andhra Pradesh already 9 CBMWTFs are established and catering HCEs in 13 districts. 2 more CBMWTFs are under erection.

Station: Hyderabad,
Date: 21.07.2016

Sd/-

MEMBER SECRETARY

//T.C.F.B.O//

JOINT CHIEF ENVIRONMENTAL ENGINEER

UNIT HEAD - IV