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No. 1 / PPCC / BMW / NGT / JSA / 2024 / 203
GOVERNMENT OF PUDUCHERRY
DEPARTMENT OF SCIENCE TECHNOLOGY AND ENVIRONMENT
PUDUCHERRY POLLUTION CONTROL COMMITTEE
3rdFLOOR, PHB BUILDING, ANNA NAGAR, PUDUCHERRY
Telephone: 0413 – 2201256 Telefax: 0413 - 2203494

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Puducherry, the  6 MAR 2024

To
✓ Shri. V.P. Yadav,
Additional Director,
DH-PCP Division,
Central Pollution Control Board,
Parivesh Bhawan,
Delhi - 605 032.

Sir,

Sub: PPCC – Submission of report on Compliance to the order of the Hon'ble NGT in the matter of M.A. No.98 of 2022 including compliance to BMW Rules – Reg.

* * *

With reference to the above mentioned subject, herewith enclosing the report on Compliance to the order of the Hon'ble NGT in the matter of M.A. No.98 of 2022 including compliance to BMW Rules for perusal.

Yours sincerely,



(Dr. N. RAMESH)
Member Secretary (PPCC)

Encl : As above.

Copy to: Standing Guard file.

**Format for submission of report on Compliance to directions of Hon'ble
National Green Tribunal (NGT) in the matter of M.A.98of2022 under
O.A.No.180/2021 (Mukul Kumar Vs State of Uttar Pradesh &Ors)**

A) Status of Training programme conducted or scheduled regarding compliance to environmental norms:

S. No.	Training imparted to	Yes/No	If yes, details of training including date, place, no. of participants, outcome of the training and action Taken there of
1.	District Magistrates	Yes	05
2.	Judicial officers	Yes	16
3.	Police officers	Yes	08
4.	Another	Yes	13

B) Status of compliance to Biomedical Waste Management Rules, 2016 by State/UT

S. No.	Action points	Status of compliance/action taken
1.	Inventory of with respect to health care facilities	Total no. of HCFs: 446 No. of bedded HCFs: 129 No. of non-bedded HCFs:317
2.	Status of Authorization of HCFs	Authorised bedded HCFs: 129 Authorised non-bedded HCFs: 314 Reason for unauthorized HCFs/Action taken against such HCFs: All the HCF have applied for Authorisation. Applications of 3 HCFs are under process.

3.	Compliance Status of HCFs and CBWTFs	<p>No. of HCFs monitored during year 2023-2024: 8</p> <p>Inspection: 22</p> <p>Monitor: 8</p> <p>No. of CBWTFs monitored during year 2023-2024: 1</p> <p>No. of HCFs found complying with BMWM Rules, 2016:</p> <p>Out of 22 HCFs inspected and monitored 17 are complied of BMW, 5 are non complied.</p> <p>No. of CBWTFs found complying with BMWM Rules, 2016: 1</p> <p>No. of HCFs found non-complying with BMWM Rules, 2016:5 (Treated effluent is not meeting standard)</p> <p>No. of CBWTFs found non-complying with BMWM Rules, 2016: Nil</p> <p>Action taken by SPCB/PCC for non-compliance:</p> <p>EC was imposed 2 HCFs.</p> <p>Direction issued:3 HCFs.</p> <p>Show cause issued:--</p>
4.	Status of CBWTFs	<p>No. of CBWTFs:1</p> <p>Total Biomedical Waste treatment and disposal through CBWTFs:4927 (in kg/day)</p> <p>Total capacity of CBWTFs operating in State/UT:5000 (in kg/day)</p>
		<p>Adequacy of CBWTFs in terms of compliance with standards: Yes</p>

		Adequacy in terms of coverage of all districts by CBWTFs: Yes. If inadequate, action taken: Not available
5.	Status of Captive treatment Facilities / deep burials	No. of captive treatment facilities: 1 Total Biomedical Waste treatment and disposal through captive treatment facilities: 15 (in kg/day) Total Biomedical Waste treatment and disposal through deep burials - Nil
6.	Constitution of State Advisory Monitoring Committee and District Level Monitoring Committee	Has been Constituted?: Yes If Yes, frequency of meeting: yearly once. Important decisions taken during meeting, if any: Implementation of Bar code system by all the HCFs.
7.	Implementation status of Barcode system	Status of implementation of barcode by HCFs: 71 HCFs have entered in the Bar Code system. Status of implementation of barcode by CBWTFs: Yes
8.	Training and Capacity Building of officials of SPCBs/PCCs and Healthcare Facilities	No. Individual Medical Colleges and HCFs are periodically conducting Training programme to their staff.
9.	Installation of OCEMS by CBMWTs as a self-monitoring tool and transmission of data with servers of SPCBs/CPCB	Number of CBWTFs installed OCEMS: 1 Number of CBWTFs transmitting OCEMS data to SPCB/CPCB server: connected Action taken for non-connectivity/discrepancy: Not Available.

c) Regarding action taken on Para14 of Hon'ble NGT direction dated 23.01.2023

- Action taken on Para 14 of Hon'ble NGT direction dated 23.01.2023 regarding reduction of radius for permission for additional CBWTFs to 40km of existing facility and number of beds to 500 beds, for ensuring better compliance: **Under consideration.**

- Current Scenario with respect to CBWTFs:
 - Adequacy of CBWTFs interms of compliance with standards: **Yes.**
 - Adequacy interms of coverage of all districts by CBWTFs: **Yes.**
(Except Mahe and Yanam Region)

- Whether gap analysis has been conducted: Yes. (Copy of the report submitted to CPCB)
Copy enclosed.

- Outcome of the gap analysis: **It is required to set up one more additional facility.**

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To
✓ Shri. V.P. Yadav,
Additional Director,
DH-PCP Division,
Central Pollution Control Board,
Parivesh Bhawan,
Delhi -110032

Puducherry, the
6 MAR 2024

Sir,

Sub: PPCC – Submission of Gap analysis report with respect to generation and treatment of biomedical waste- Reg.

* * *

With reference to the above mentioned subject, herewith enclosing gap analysis report with respect to generation and treatment of biomedical waste in the U.T. of Puducherry for perusal.

Yours sincerely,

N. Ramesh

(Dr. N. RAMESH)
Member Secretary (PPCC)

Encl : As above.
Copy to: Standing Guard file.

**GAP ANALYSIS REPORT WITH RESPECT TO GENERATION AND TREATMENT
OF BIO-MEDICAL WASTE**

Sl. No	Parameters	Details																										
1.	Coverage area of CBWTF	Coverage area of the existing CBMWTF is 50km. It is also cover HCFs located in Karaikal, 150kms away from the facility.																										
2.	No. of HCFs (Bedded and Non- bedded)	390 (96 bedded and 294 non bedded HCFs)																										
3.	No of Beds covered by the CBMWTF	380 Other 10 beds will be covered present HCF located in Mahe and Yanam enclave, which they are disposing through captive and another CBMWTF respectively.																										
4.	Total Biomedical waste generation (in kg/day)	Total (treated by CBMWTF) - 4706 In Mahe & Yanam (treated by other CBMWTF) - 100																										
5.	Extrapolate the biomedical waste generation for next years in Kgs/day	<table border="1"> <thead> <tr> <th>Year</th> <th>BMW generated</th> </tr> </thead> <tbody> <tr><td>2023-24</td><td>4606</td></tr> <tr><td>2024-25</td><td>4820</td></tr> <tr><td>2025-26</td><td>4940</td></tr> <tr><td>2026-27</td><td>5040</td></tr> <tr><td>2027-28</td><td>5143</td></tr> <tr><td>2028-29</td><td>5248</td></tr> <tr><td>2029-30</td><td>5355</td></tr> <tr><td>2030-31</td><td>5465</td></tr> <tr><td>2031-32</td><td>5576</td></tr> <tr><td>2032-33</td><td>5689</td></tr> <tr><td>2033-34</td><td>5800</td></tr> <tr> <td>Total</td> <td>57682</td> </tr> </tbody> </table>	Year	BMW generated	2023-24	4606	2024-25	4820	2025-26	4940	2026-27	5040	2027-28	5143	2028-29	5248	2029-30	5355	2030-31	5465	2031-32	5576	2032-33	5689	2033-34	5800	Total	57682
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6.	Total existing treatment capacity (in kg/day) (some of Incineration capacity and Autoclave/ Microwave/ Hydroclave capacity)	Incinerator - 5000 Kgs/day Autoclave - 250 Kgs/ hr Shredder - 250 kgs/ hr Total - <u>17000 kgs/ day</u>						
7.	Total Biomedical waste treated and disposed (kg/day)	4606 Kgs / day						
8.	Gap between total extrapolated biomedical waste generation (for next 10 years) and existing biomedical waste treatment capacity	<table border="1"> <tr> <td data-bbox="878 722 1192 831">Extrapolated BMW generation for the next 10 years is</td> <td data-bbox="1192 722 1463 831">5800 kgs/day</td> </tr> <tr> <td data-bbox="878 831 1192 940">BMW treatment capacity of existing CMWTF</td> <td data-bbox="1192 831 1463 940">4606 kgs/day</td> </tr> <tr> <td data-bbox="878 940 1192 982">Gap</td> <td data-bbox="1192 940 1463 982">1194 kgs/day</td> </tr> </table>	Extrapolated BMW generation for the next 10 years is	5800 kgs/day	BMW treatment capacity of existing CMWTF	4606 kgs/day	Gap	1194 kgs/day
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Based on the above data, the gap between existing treatment capacity of the CMWTF and additional requirement of treatment capacity is 1194 kgs/day. Hence, the existing facility may be upgraded or steps will be taken for establishment of additional CBMWTF in the U.T. of Puducherry.