

Government of NCT of Delhi  
 Directorate General of Health Services  
 F-17, Karkardooma, Delhi-110032  
 (BMW Mgmt Cell, Ph.No.22304549)

No. F. No. 25/3(1)/DHS/BMW/2017-18/11-42

Dated: 13/09/18

Minutes of Meeting

A meeting of the Advisory Committee for Biomedical Waste Management was held on 16.08.2018 at 05.00 PM under the Chairmanship of Secretary, Health & Family Welfare Department in his conference hall, Delhi Secretariat, New Delhi-110002, to discuss the issue regarding Biomedical Waste Management and streamlining the system in delhi. List of participants is annexed.

After a round of introduction by the members and invitees, the meeting commenced with welcome address by the Chairperson. The following issues were deliberated and decisions taken in the meeting.

S.No.	Issue	Discussion	Decision
1	Development of website	President, DMA and Secretary Nursing Home Forum informed that DPCC website is not at all user friendly and consumes a lot of time of doctors.  DPCC informed that website is being developed by NIC and may take time to be developed.	It was decided that hard copy registration may be done till the Online Registration System is rectified and made user friendly. As soon as system is up, the same should be updated.  <b>Action - DPCC</b>
2	Development of Training Module	Standard manual for trainees and training may be provided by CPCB and MoEF & CC.  MoEF has constituted Subcommittee of experts for framing training modules and it will be given to CPCB.  CPCB informed that detailed guidelines especially for Hospitals has been prepared, to fill in the gaps of BMW rules. The guidelines are available on website.	It was decided that CPCB to send letter to MoEF for taking up the issue for framing of training module  <b>Action - CPCB</b>
3	Requirement of Additional CBWTF (Common Biomedical Waste Treatment Facility)	It was informed to the Chair that in a meeting chaired by Honble CM regarding provision of more CBWTFs in Delhi, the Chair directed that Delhi should have total of 5 working CBWTFs as only two CBWTFs are functioning in Delhi. Criteria for development of new CBWTFs for a locality or region in the revised guidelines for CBWTFs and disposal facility dated Dec 21, 2016 was brought in to the notice of Chair. In view of above action, the Chair directed DPCC to seek EOI and to seek special exception for Delhi from CPCB.  DPCC informed that file on the subject matter of new CBWTF has been sent for legal opinion.	It was decided that <ul style="list-style-type: none"> <li>• Monopoly need to be curtailed.</li> <li>• Market forces to be applied for finalization of rates.</li> <li>• Areas to be divided in 4 area circles.</li> <li>• To go for open tender bidding for all the 4 area/circles to make the system of rates transparent.</li> <li>• To process the Bids priority as early as possible, reason being contract of one CBWTF is expiring in April</li> </ul>

		<p>DPCC informed that now it is decided that at least 4 CBWTFs should be functioning in Delhi and they will be running in private land.</p> <p>The rates charged by CBWTFs for BMW services were also discussed.</p> <p>The monopoly of vendors has to be reduced.</p> <p>It was informed by DPCC and DGHS that the data about area, volume of BMW generated by Hospitals &amp; HCFs on daily basis etc. is already available.</p>	<p>2020.</p> <p><b>Action - DPCC</b></p>
4	Bar Codes on Bags/ Containers Containing Biomedical Waste	<p>CPCB informed that they had prepared detailed guidelines on Bar Coding system.</p> <p>Double scanning system is available.</p> <p>CPCB informed that the data is stored in cloud and can be assessed by CPCB, DPCC, Hospitals and CBWTF's.</p> <p>CPCB informed that for less than 30 bed Hospitals CBWTFs, will procure the BMW bags and weighing machines and for more than 30 bed Hospitals, Hospitals will procure weighing machines and BMW bags.</p> <p>Specification of BMW begs is prepared by BIS.</p> <p>Software to be procured by CBWTFs</p>	<p>It was decided that CPCB to provide complete guidelines for the bar coding in consultation with DPCC.</p> <p><b>Action - CPCB, DPCC</b></p>
5	Pretreatment of Liquid Chemical Waste	<p>DPCC informed that the proposal from JamiaMiliaIslamia is at final stage. The delay is because of delay in awarding the subject to JamiaMiliaIslamia. Inputs awaited.</p>	<p>It was informed that interim report has been received on 10.08.2018 and the institution has sought time upto 15.11.2018. The Chair directed DPCC to take inputs as early as possible on urgent basis.</p> <p><b>Action - DPCC</b></p>
6	Authorized Recyclers for Plastic Waste and Glass Waste	<p>It was informed that plastic and glass waste which are produced after BMW treatment are inert waste and can be recycled by authorized recycler.</p> <p>DPCC informed that Glass waste recycler is not been authorized till date.</p>	<p>It was decided that CPCB to Display the list of authorized recycler in the adjoining state of NCT of Delhi.</p> <p><b>Action - CPCB</b></p>
7	Chemical treatment using Hypochlorite Solution.	<p>It was informed that X-Ray fixers is an Hazardous waste generated by HCFs and comes under Hazardous Waste Management Rules. The circular regarding X-Ray fixer waste has been received from DPCC and</p>	<p>It was decided that DPCC to Identify the recyclers as per CPCB rules and Hazardous Waste Management Rules and display the list on DPCC website. DPCC to issue necessary directions/ SOP.</p>

		has been circulated to all the Delhi Govt. Hospitals.	<b>Action – DPCC</b>
8	District Level Monitoring Committee.	Chair was informed that the DLMC has to conduct at least 2 visits per month under the chairmanship of DM and regular reports from CDMOs are not coming.	CDMOs to submit regular reports to DPCC & DGHS <b>Action – CDMOs</b>
9	Creation of awareness among all state holders	It was informed by DGHS that various Adds through DPCC & DGHS has been published on time to time basis.  Biotic Waste Solutions informed that they have been preparing a film on BMW Management and is in final states after suggested changes by the committee.	It was decided that Biotic Waste Solutions to submit updated video after authenticating it by DPCC  DPCC to publish more advertisements. <b>Action – DPCC, Biotic Waste Solution</b>
10	Installation of ETP/STP in Health Care Facilities	Chair was informed that Installation of STP/ETP in the amended BMW rules by MoEF& CC, GOI was required for Nursing Home having bed up to 10, which seems to be a missprint and not feasible.  Further it was discussed that if the cities are having running STPs, the said ETP/STP plants are not required to be installed.	It was decided that CPCB to look into the matter and issue guidelines accordingly  <b>Action – CPCB</b>
11	Installation of GPS and continuous online monitoring system	Members informed Chair that GPS and online monitoring system are not working in spite of reminders to both CBWTFs.  Further it was informed to Chair that close circuit cameras, GPS & cameras are installed in both CBWTFs, also password has been given by both the CBWTFs.	It was decided that DPCC to issue warning to both CBWTFs and if they fail to comply, prosecution proceedings to be started.  Further directed to connect it with DPCC and DGHS. <b>Action – CBWTF</b>
12	Inspection of BMW Collection Vehicles.	DPCC informed that some of the vehicles has been inspected.	It was decided that DPCC to send status report to DHS. <b>Action – DPCC</b>
13	Third party audit	Third party audit of both the CBWTFs has been conducted in Jan 2018 and report has been submitted to the higher up.	It was decided that DPCC to provide Executive Summary of the audit report. <b>Action – DPCC</b>
14	One time authorization	Issue of one time authorization of Non bedded health care facilities/clinics, DMA raised the issue of Rs. 5000/- and requested for lower rates.	It was decided that DPCC to look into the submission of DMA. <b>Action – DPCC</b>
15	BMW collection reports from HCFs by CBWTF	Chair was informed that both CBWTFs, has to submit BMW collected, month wise for one year.  Incenerableand & autoclavable waste to be tabulated separately.	It was decided that CBWTFs to submit reports to DPCC and DGHS within 10 days and directed DPCC to take action if not submitted within the said time period. <b>Action – CBWTF, DPCC</b>

16	Report of Autoclave by CBWTF	Chair was informed that both CBWTFs to submit report of autoclave in term of testing, capacity and plastic waste collected every day.	It was decided that CBWTFs to submit reports to DPCC and DGHS within 10 days and directed DPCC to take action if not submitted within the said time period.  <b>Action – CBWTF, DPCC</b>
17	Training by DMA and CBWTF	The Chair was informed that DMA has organized training programs on BMW Mgmt Rules and procedure of filing the registration with DPCC in May 2018. The program was attended by 250 doctors but unfortunately both CBWTFs did not participate.	It was decided that DMA must take proactive steps in collaboration with CBWTFs to train health workers at Nursing Homes & Clinics.  Data of training to be provided to DPCC and DGHS by DMA  <b>Action – DMA</b>
18	Training of CBWTF to its workers	The Chair was informed that training status of CBWTF staff is not clear.	It was decided that CBWTFs to provide ½ yearly report.  <b>Action – CBWTF</b>
19	Regular Collection of BMW Waste	Dr. R. Aggarwal, AD(BMW) informed that both service providers must collect BMW from HCFs like dispensaries/ health care establishments regularly, every day.	It was decided that any default by CBWTFs, CDMO to inform DPCC & DGHS twice a month.  CDMO to constitute a committee with members from DPCC, DMA, DGHS and CBWTFs  <b>Action – CDMO</b>
20	Compliance of BMW Rules 2016	I was informed by Dr. R. Aggarwal to the chair that both the service providers must follow BMW management Rules 2016 at every step. They must ensure 100% compliance of the BMW Rules 2016 without any violation.	It was decided that CBWTF to get their facilities inspected every six monthly by reputed institution such as NEERI, and in case failure necessary action be taken by DPCC.  <b>Action – CBWTF, DPCC</b>
21	Veterinary Hospital/ Animal Husbandry Department	Chair was informed that veterinary Hospital/ Animal Husbandry Department is asking for free BMW Management Services from both CBWTFs, at par with Govt. HCFs, their department, being Government organization.	It was decided that Veterinary Hospital/ Animal Husbandry Department to register all Veterinary Hospital/ Pets Handling/Treatment Centre/Pet Clinics etc. with DPCC under BMW Rules for strict Compliance as early as possible.  Further said that free services contract with HCFs is expiring in April 2020, therefore Veterinary department Hospitals should not go for free services and abide by BMW Management Rules 2016.  <b>Action – DPCC, Veterinary Department</b>

This issue with the approval of the Competent Authority.

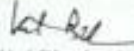
*Kirti Bhushan*  
(Dr. Kirti Bhushan)  
DGHS

No. F. No. 25/3(1)/DHS/BMW/2017-18/2/-42

Dated: 13/09/18

Copy to for information and necessary action:

1. Secretary (Environment), GNCTD, Delhi Sectt., New Delhi
2. Member Secretary, Central Pollution Control Board, Karkardooma, Delhi
3. Member Secretary, Delhi Pollution Control Committee, ISBT, Kashmere Gate, Delhi
4. Sh. M. Choudhary, Sr. Scientist, Central Pollution Control Board, Delhi
5. Addl. Commissioner (Health), East Delhi Municipal Corporation
6. Addl. Commissioner (Health), North Delhi Municipal Corporation
7. Addl. Commissioner (Health), South Delhi Municipal Corporation
8. Special Secretary (Urban Development), GNCTD, Delhi Sectt., New Delhi
9. Dr. Anil Kumar, Director (Environment), GNCTD, Delhi Sectt., New Delhi
10. All ARHS/CDMOs, DGHS, GNCTD
11. Ms. Madhur Panjwani, Representative from PGMS Branch, Delhi Sectt.
12. MO/Nodal Officer, Bio-Medical Waste, NDMC, Palika Kendra, New Delhi
13. Director, Animal Husbandry, GNCTD, Old Sectt., Delhi
14. Sh. Ravi Aggarwa, Sristhti NGO, H-2, Jangpura Extension, New Delhi
15. President or his/her Nominee, DMA, Darya Ganj, New Delhi
16. Chairman, Nursing Home Forum, DMA, Darya Ganj, New Delhi (Special Invitee)
17. Dr. M K Daga, Member Secretary, COEH (MAMC), New Delhi
18. MS, Nursing Home Cell, DGHS, Karkardooma, Delhi
19. PS to Secretary (H & F W), GNCTD, New Delhi
20. PS to Director General Health Services, Karkardooma, Delhi
21. Director, SMS Water Grace BMW Pvt. Ltd.
22. Director, Biotic Waste Solution Pvt. Ltd.

  
(Dr. Kirti Bhushan)  
DGHS