



## CHHATTISGARH ENVIRONMENT CONSERVATION BOARD

Paryavas Bhawan, North Block, Sector-19  
Nava Raipur Atal Nagar Raipur (C.G.) 492002  
Email address-hocecb@gmail.com

No. 3078 /H.O./CECB/2021

Nava Raipur Atal Nagar, dated: 06/08/2021

To

Registrar,  
National Green Tribunal,  
Central Zone Bench,  
Bhopal (M.P.)

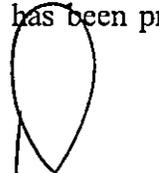
Sub:- Regarding compliance of order dated 07/06/2021 in O.A. No. 32/2021 Titled as Jitendra Bairagi V/s Hotech Eco Management Pvt. Ltd. (Indore) & Ors.

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This has reference to the order dated 07/06/2021 passed by Hon'ble NGT Central Zone Bench, Bhopal (MP) in the matter of O.A.No. 32/2021 Titled as Jitendra Bairagi V/s Hotech Eco Management Pvt. Ltd. (Indore) & Ors. The Tribunal has directed to SPCBs to prepare a survey which may contain the waste generated and waste disposed in different district with details of the bio medical waste disposal facility and maintain the records.

In compliance thereof, CECB vide letter dated 03.07.2021, directed to all Regional Offices to take survey and submit district wise generation as well as disposal of Covid-19 waste, as per aforesaid order. Accordingly report has been prepared and sending towards you for further necessary action.

Encl: As above.

  
Member Secretary

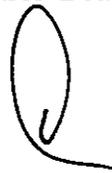
Chhattisgarh Environment Conservation Board,  
Nava Raipur Atal Nagar, Raipur (C.G.)

o/c  
Endt No. 3079 /H.O./CECB/2021

Nava Raipur Atal Nagar, dated: 06/08/2021

Copy to:-

1. Shri B. Vinod Babu, Additional Director & divisional Head, WMD-I, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, New Delhi 110032 for information and necessary action please.
2. Shri D. R. Sontapar, Deputy Secretary, Government of Chhattisgarh, Department of Housing and Environment, Mahanadi Bhawan, Nava Raipur Atal Nagar (C.G.)
3. The Regional Director, Central Pollution Control Board sahar bhawan TT nagar Bhopal for information please.

  
Member Secretary

Chhattisgarh Environment Conservation Board,  
Nava Raipur Atal Nagar, Raipur (C.G.)

District wise Covid-19 Bio-Medical Waste Report (January 2021-June2021)

Annexure-1

| S.No. | District    | Covid-19 Waste generated (kg) |         |          |          |          |          | Covid-19 Waste treated (kg) |         |          |          |          |          | Disposal Method  |
|-------|-------------|-------------------------------|---------|----------|----------|----------|----------|-----------------------------|---------|----------|----------|----------|----------|--|
|       |             | Jan.                          | Feb.    | Mar.     | Apr.     | May      | June     | Jan.                        | Feb.    | Mar.     | Apr.     | May      | June     |  |
| 1.    | Raipur      | 29280.55                      | 14329.1 | 17526.66 | 62415.87 | 56277.06 | 19554.92 | 29280.55                    | 14329.1 | 17526.66 | 62415.87 | 56277.06 | 19554.92 | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) (M/s Envirocare International C.G. Bilaspur (Kachhar) via Incinerator.) |
| 2.    | Bilaspur    | 3073                          | 2072.36 | 2337.6   | 18025.6  | 30609.2  | 7953.4   | 3073                        | 2072.36 | 2337.6   | 18025.6  | 30609.2  | 7953.4   | Disposed by CBWTFs (M/s Envirocare International C.G. Bilaspur (Kachhar) via Incinerator.)   |
| 3.    | Durg        | 6590.6                        | 2399.6  | 6540.5   | 17214.4  | 12659.4  | 2695.9   | 6590.6                      | 2399.6  | 6540.5   | 17214.4  | 12659.4  | 2695.9   | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) And some waste are disposed through captive deep Burial pit/Sharp pit.  |
| 4.    | Rajnandgaon | 2916                          | 2113    | 3227.8   | 7475     | 7639.5   | 1311     | 2916                        | 2113    | 3227.8   | 7475     | 7639.5   | 1311     | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) And some waste are disposed through captive deep Burial pit/Sharp pit.  |
| 5.    | Balodabazar | 675                           | 650     | 645      | 700      | 710      | 695      | 675                         | 650     | 645      | 700      | 710      | 695      | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) And some waste are disposed through captive deep Burial pit/Sharp pit.  |
| 6.    | Mahasamund  | 69                            | 64      | 134      | 1415     | 1765     | 3175     | 69                          | 64      | 134      | 1415     | 1765     | 3175     | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) And some waste are disposed through captive deep burial pit/Sharp pit.  |
| 7.    | Dhamtari    | 230                           | 220     | 320      | 480      | 450      | 300      | 230                         | 220     | 320      | 480      | 450      | 300      | Disposed by CBWTFs (M/s SMS Watergrace Enviroprotect Pvt.Ltd. Siltara Raipur via Incinerator.) And some waste are disposed through captive deep pit/Sharp pit.         |



## Information on Common Bio-Medical Waste Treatment and Disposal Facilities

| S.no                          | Name & Address of the CBWTF with contact person name and telephone no.               | GPS Coordinates | Coverage Area in kms | Name of the cities/ covered by common biomedical waste treatment facility | Total no. of HCFs being covered | Total no. of beds covered | Total Quantity of BMW collected from member HCFs (in kg/day) | Capacity of Treatment equipments installed by CBWTFs |      | Total bio-medical waste treated in kg/day | Method of Disposal of treated wastes (Incineration Ash/Sharps/Plastic) |                                   |
|-------------------------------|--|-----------------|----------------------|---|---------------------------------|---------------------------|--|--|------|---|--|-----------------------------------|
|                               |  |                 |                      |   |                                 |                           |  | Equipment  | Nos. |   |  | Total installed capacity (kg/day) |
| 1.                            | SMS Water Grace Enviroprotect Pvt. Ltd., P.H.No. 02, Village – Siltara, Dist. Raipur | Nil             | 110 Kms              | Raipur, Dhantari, BalodaBazar-Bhatapara, Mahasamund & Gariyaband          | HCF-966                         | 13009                     | 3418.589   | Incinerator  | 1    | 6000.0                                    | 1558.349   | Incineration Ash-88.825           |
|                               |  |                 |                      |   |                                 |                           |  | Plasma Pyrolysis                                     | Nil  | -   | -  | Quantity Disposed by:             |
|                               |  |                 |                      |   |                                 |                           |  | Autoclaves   | 1    | 4200.0                                    | 820.837  | Sharps                            |
|                               |  |                 |                      |   |                                 |                           |  | Hydroclave   | Nil  | -   | -  | Quantity Disposed by:             |
|                               |  |                 |                      |   |                                 |                           |  | Microwave  | Nil  | -   | -  | Plastics:                         |
|                               |  |                 |                      |   |                                 |                           |  | Shredder   | 2    | 12000                                     | 820.837  | Quantity Disposed by:             |
|                               |  |                 |                      |   |                                 |                           |  | Sharps encapsulation or concrete pit.                | 2    | 10000                                     | 0.281  | -                                 |
| Deep burial pits              | Nil  | -               | -                    | -   | ETP Sludge-3.114 kg/day         |                           |  |  |      |   |  |                                   |
| Any other treatment equipment | 1  | 12000           | 218.285              | Any other treatment equipment   |                                 |                           |  |  |      |   |  |                                   |
| Effluent Treatment Plant      | 1  | 20000 ltr.      | -                    | Effluent Treatment Plant  |                                 |                           |  |  |      |   |  |                                   |



|                                       |  |            |           |                       |    |     |        |                               |     |            |           |   |                       |
|---------------------------------------|--|------------|-----------|-----------------------|----|-----|--------|-------------------------------|-----|------------|-----------|---|-----------------------|
| 3.                                    | Envirocare international (Chhatisgarh) 105, Lovina Court 1st Floor, Near Old RTO Office Mungelinka, Bilaspur (C.G.)-495001 | Nil        | 75 Kms    | Korba                 | 91 | 979 | 125 Kg | Deep burial pits              | -   | -          | -         | ETP Sludge :<br>Quantity :1.99<br>Kg/day<br>Disposed by : |                       |
|                                       |  |            |           |                       |    |     |        | Any other treatment equipment | 1   | 12MT/Day   | 139.54    |   |                       |
|                                       |  |            |           |                       |    |     |        | Effluent Treatment Plant      | 1   | 20 KLD     |           |   |                       |
|                                       |  |            |           |                       |    |     |        | Total (in kg/day)             |     | 64200      | 1677.81   |   |                       |
|                                       |  |            |           |                       |    |     |        | Incinerator                   | Nil |            |           |   | Incineration Ash      |
|                                       |  |            |           |                       |    |     |        | Plasma Pyrolysis              | Nil |            |           |   | Quantity Disposed by: |
|                                       |  |            |           |                       |    |     |        | Autoclaves                    | 1   | 800 kg/day | 01 kg/day |   | Sharps                |
| Shredder                              | 1  | 100 kg/day | 02 Kg/day | Quantity Disposed by: |    |     |        |                               |     |            |           |   |                       |
| Microwave                             | Nil  | --         | --        | Plastics:             |    |     |        |                               |     |            |           |   |                       |
| Hydroclave                            | Nil  | --         | --        | Quantity Disposed by: |    |     |        |                               |     |            |           |   |                       |
| Sharps encapsulation or concrete pit. | Nil  | --         | --        | --                    | -- |     |        |                               |     |            |           |   |                       |

|                               |  |     |               |                                     |     |      |                |                                       |     |             |                       |                       |
|-------------------------------|--|-----|---------------|-------------------------------------|-----|------|----------------|---------------------------------------|-----|-------------|-----------------------|-----------------------|
| 4.                            | M/s Envirocare International (Chhattisgarh) Mungeli Naka, Bilaspur | Yes | 220 Kms       | Bilaspur Janjgir - Champa & Mungeli | 503 | 5141 | 646.98 kg/day. | Deep burial pits                      | 4   | 2000        | 122                   | ETP Sludge:           |
|                               |  |     |               |                                     |     |      |                | Any other treatment equipment         | Nil | --          | --                    | Quantity Disposed by: |
|                               |  |     |               |                                     |     |      |                | Total (in kg/day)                     | --  | --          | 125Kg/day             | --                    |
|                               |  |     |               |                                     |     |      |                | Incinerator                           | 1   | 1600 kg/Day | 646.98 kg/day         | Incineration 3 kg/day |
|                               |  |     |               |                                     |     |      |                | Plasma Pyrolysis                      | Nil | -           |                       | Quantity Disposed by: |
|                               |  |     |               |                                     |     |      |                | Autoclaves                            | 1   | 800 kg/Day  |                       | Sharps                |
|                               |  |     |               |                                     |     |      |                | Shredder                              | 1   | 800 kg/day  |                       | Quantity Disposed by: |
|                               |  |     |               |                                     |     |      |                | Microwave                             | Nil | -           |                       | Plastics:             |
|                               |  |     |               |                                     |     |      |                | Hydroclave                            | Nil | -           | Quantity Disposed by: |                       |
|                               |  |     |               |                                     |     |      |                | Sharps encapsulation or concrete pit. | 2   | --          | -                     | -                     |
| Deep burial pits              | 2  | -   | --            | --                                  |     |      |                |                                       |     |             |                       |                       |
| Any other treatment equipment | Nil  | --  | --            | --                                  |     |      |                |                                       |     |             |                       |                       |
| Total (in kg/day)             | --   | --  | 646.98 kg/day | --                                  |     |      |                |                                       |     |             |                       |                       |

|    |   |    |                     |              |    |     |        |                               |     |              |        |   |
|----|---|----|---------------------|--------------|----|-----|--------|-------------------------------|-----|--------------|--------|---|
| 5. | M/S Aroma social service, Bade Rampur, Raigarh (C.G.) Sri Shridev Mourya Mob no. 9827174108 | -- | Approx 10 Km Radios | Raigarh City | 81 | 825 | 170.53 | Incinerator                   | Nil | Nil          | Nil    | Incineration Ash: --Nil                   |
|    |   |    |                     |              |    |     |        | Plasma Pyrolysis              | Nil | Nil          | Nil    | Quantity: Nil Disposed by:--              |
|    |   |    |                     |              |    |     |        | Autoclaves                    | 01  | 110          | 23.7   | Quantity: -- Disposed by:--               |
|    |   |    |                     |              |    |     |        | Shredder                      | 01  | --           | 77.60  | Plastics:-- Quantity: -- Disposed by:--   |
|    |   |    |                     |              |    |     |        | Microwave                     | Nil | Nil          | Nil    |   |
|    |   |    |                     |              |    |     |        | Hydroclave                    | Nil | Nil          | Nil    |   |
|    |   |    |                     |              |    |     |        | Sharps encapsulation          | 01  | 20 Sq. Feet  | 16.27  |   |
|    |   |    |                     |              |    |     |        | Deep burial pits              | 02  | 288 Sq. Feet | 52.96  | ETP Sludge:-- Quantity: -- Disposed by:-- |
|    |   |    |                     |              |    |     |        | Any other treatment equipment | Nil | -            | -      |   |
|    |   |    |                     |              |    |     |        | Total (in kg/day)             | 05  | --           | 170.53 | --  |