UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. -
122790/UPPCB/Banda(UPPCBRO)/CTO/water/BANDA/2021

Dated : 06/03/2021

To ,

Shri MANOJ KUMAR SHIVHARE
M/s BAMDEV SMART SOLUTIONS PRIVATE LIMITED
Gata No-474, Mauza Mohanpurwa, BANDA, 210001
BANDA

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. BAMDEV SMART SOLUTIONS PRIVATE LIMITED

Reference Application No :11536722 **Dated :06/03/2021**

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act,1974 as amended (here in after referred as the act) M/s. BAMDEV SMART SOLUTIONS PRIVATE LIMITED is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tant/soak pit subject to general and special conditions mentioned in the annexure ,in refrence to their foresaid application .
2. This consent is valid for the period from 04/03/2021 to 31/12/2025 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Previntion and Controt of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

Ajay Kumar Sharma
Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:49:03 +05'30'

For and on behalf of U.P. Pollution Control Board

Chief Environmental Officer (circle-2)

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Banda with direction to send the compliance report of CTO conditions on quarterly basis.

Ajay Kumar Sharma
Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:49:17 +05'30'

Chief Environmental Officer (circle-2)

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.BAMDEV SMART SOLUTIONS PRIVATE LIMITED vide

Consent Order No. 11536722/ Water Dated : 06/03/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of treatment and disposal of Bio Medical Waste double chambered incinerator of capacity 250 Kg/hr, Autoclave of capacity 250 Kg/hr and Shredder of capacity-250 kg/hr..

2. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	**Kind of Effulant**	**Maximum daily discharge,KL/day**	**Treatment facility and discharge point**
1	Domestic	1.0 KLD	Septic Tank
2	Industrial	3 KLD shall be recycled for scrubbing purpose and for irrigation	ETP

3. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .

4(a) The domestic effluent should be treated in treatment plant so that the should be in conformity with the following norms dated treated effluent .

Domestic Effulant		
S.No	**Parameter**	**Standard**

4(b). The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the following norms. .

Industrial Effulant		
S.No	**Parameter**	**Standard**
1	BOD	30 mg/l
2	COD	250 mg/l
3	Total Suspended Solids	100 mg/l
4	Oil & Grease	10 mg/l

5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Act,1986 or otherwise mandatory .

6. The other pollutant for which norms have not been prescribed, the same should not be more than the norms prescribed for the water used in manufacturing process of the industry .

7. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/standards prescribed under The Environment (Protection) Act, 1986.

8. The treated domestic and industrial effluent be mixed (as per the provisions of Condition No. 2) and disposed of on one disposal point. This common effluent disposal point should have arrangement for flow meter/V Notch for measuring effluent and its log book be maintained .

9. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for treatment and disposal of Bio Medical Waste double chambered incinerator of capacity 250 Kg/hr, Autoclave of capacity 250 Kg/hr and Shredder of capacity-250 kg/hr.
2. The CBWTF shall comply with the conditions of Environmental Clearance issued by SEIAA vide letter no. 587/Parya/SEAC/4647-5318/2018 dated 08-02-2020.
3. The CBWTF shall comply with the conditions of CTE issued by Board vide letter no. 60477/UPPCB/Banda (UPPCBRO)/CTE/BANDA/2019 Dated:- 27/02/2020
4. The CBWTF shall comply with the emission Standard for treatment and disposal of Bio-medical waste by incineration as per Schedule-II of BMW Rules 2016.
5. Incinerator should be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
6. The water generated from scrubbing system of incinerator shall be treated through ETP and treated water shall be recycled for scrubbing purpose and for irrigation in the premises. No effluent shall be discharged directly or indirectly outside the premises.
7. The effluent generated from scrubbing system of incinerator and Vehicle washing etc, shall be treated through ETP of capacity 5 KLD and treated water shall be recycled for scrubbing purpose and for irrigation within the premises. No industrial effluent is permitted to discharge directly or indirectly outside the premises.
8. Record w.r.t. operational parameter of autoclave such as temperature pressure etc. as well as records for validation test conducted to check efficiency of autoclave shall be maintained.
9. The transportation of Bio Medical Waste shall be done through GPS enabled vehicles and detail of vehicles with registration number, name and mobile number of driver shall be submitted to the UPPCB within a week.
10. PTZ camera shall be installed in process house and storage area of received Bio medical waste. Facility shall provide the URL and password to the Board within 01 month.
11. The washing of vehicle tires shall be done in a specific location and the generated waste water shall be treated through effluent treatment plant.
12. Discarded medicine shall be disposed through incinerator as per BMW Rule, 2016 and sharp pit should be provided for disposal of waste sharp as per CPCB Guidelines.
13. The CBWTF should comply with the Bio Medical Waste Management Rules 2016 and annual report should be submitted.
14. The CBWTF should comply with the provisions of Hazardous and Other waste (Management and Trans boundary Movement) Rules, 2016.
15. The facility shall ensure bar coding system to be adopted by member healthcare facilities in accordance with Bio Medical Waste Management Rules (BMWM) 2016.
16. Industry shall comply with the Office memorandum no. H 48273/C-1/NGT-83/2020 dated 27.02.2020 issued by UPPCB.
17. The Facility shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com. The proposal for plantation in the coming monsoon shall be submitted within 01 month.
18. Separate space for untreated Bio Medical Waste should be provided by facility as per CPCB guidelines/Bio Medical Waste Management Rules 2016
19. The CBWTF shall comply with the conditions of NOC issued from CGWA for withdrawal of ground water.
20. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
21. Consent fees if revised, shall be payable by industry from the date of its applicability.
22. Industry shall comply with the relevant provisions of Environmental Laws.
23. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.

Issued with the permission of competent authority .

Ajay Kumar Sharma

Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:49:32 +05'30'

For and on behalf of U.P. Pollution Control Board .

Chief Environmental Officer (circle-2)

UTTAR PRADESH POLLUTION CONTROL BOARD
Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010
Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. - 122793/UPPCB/Banda(UPPCBRO)/CTO/air/BANDA/2021 **Dated : 06/03/2021**

To ,

Shri MANOJ KUMAR SHIVHARE
M/s BAMDEV SMART SOLUTIONS PRIVATE LIMITED
Gata No-474, Mauza Mohanpurwa, BANDA, 210001
BANDA

Sub : Consent under section 21/22 of the Air (Prevention and control of Pollution) Act, 1981 (as amended) to M/s. BAMDEV SMART SOLUTIONS PRIVATE LIMITED

Reference Application No. 11536917 Dated : 06/03/2021

1. With reference to the application for consent for emission of air pollutants from the plant of M/s BAMDEV SMART SOLUTIONS PRIVATE LIMITED. under Air Act 1981. It is being authorised for said emissions, as per the standards, in environment, by the Board as per enclosed conditions .
2. This consent is valid for the period from 04/03/2021 to 31/12/2025 .
3. Inspite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 21 (6) of the Air (Previntion and Controt of Pollution) Act, 1981 as amended.

This consent is being issued with the permission of competent authority .

Ajay Kumar Sharma
Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:52:32 +05'30'

For and on behalf of U.P. Pollution Control Board

Chief Environmental Officer (circle-2)

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Banda with direction to send the compliance report of CTO conditions on quarterly basis.

Ajay Kumar Sharma
Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:52:52 +05'30'

Chief Environmental Officer (circle-2)

U.P. Pollution Control Board

Dated : 06/03/2021

CONDITIONS OF CONSENT

1. This consent is valid only for the approved production capacity of treatment and disposal of Bio Medical Waste double chambered incinerator of capacity 250 Kg/hr, Autoclave of capacity 250 Kg/hr and Shredder of capacity-250 kg/hr..
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.

3(a) The maximum rate of emission of flue gas should not be more than the emission norms for the stacks.

3(b) Air Pollution Source Details.

Air Pollution Source Details					
S.No	**Air Polution Source**	**Type of Fuel**	**Stack No.**	**Parameters**	**Height**
1	Incinerator 250 Kg/hour	LPG	01	Particulate Matter	35 meter from ground level with scrubbing system.
2	D.G. Set-82.5 KVA	HSD	02	Particulate Matter	As per norms with acoustic enclosure.

3(c) The emissions by various stacks into the environment should be as per the norms of the Board .

Emission Quality Details Detail			
S.No	**Stack No**	**Parameter**	**Standard**
1	01	Oxides of Nitrogen	400 mg/Nm3
2	02	Particulate Matter	less than of equal to 0.2 g/kW-hr
3	01	Particulate Matter	50 mg/Nm3
4	01	Particulate Matter	HCL-50 mg/Nm3, Total Dioxins and Furans-0.1 ngTEQ/Nm3 (at 11% O2), Hg and its compound 0.05 mg/Nm3

4. Quantity of other pollutants should also be as per the norms prescribed by the Board/MOEF & CC/or otherwise mandatory .
5. The equipment for air pollution control system and monitoring ,as proposed by the industry and approved by the Board should be installed in their premises itself .
6. The modification or installation in the existing pollution control equipments should be done only by prior approval of Board .
7. The operation of air pollution control system and maintenance be done in such a way that the quantity of pollutants should be in accordance with the standards prescribed by the Board/MoEF & CC/or otherwise mandatory .
8. Unit should do provisions for fugitive emissions chimney/stack as per the norms of the Board/MOEF & CC/or otherwise mandatory .
9. The unit should submit the stack emissions monitoring report within one month from issuance of consent order along with the point wise compliance report of the consent order . Further quarterly monitering report should be submitted .

The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

1. This consent is valid for treatment and disposal of Bio Medical Waste double chambered incinerator of capacity 250 Kg/hr, Autoclave of capacity 250 Kg/hr and Shredder of capacity-250 kg/hr.
2. The CBWTF shall comply with the conditions of Environmental Clearance issued by SEIAA vide letter no. 587/Parya/SEAC/4647-5318/2018 dated 08-02-2020.
3. The CBWTF shall comply with the conditions of CTE issued by Board vide letter no. 60477/UPPCB/Banda (UPPCBRO)/CTE/BANDA/2019 Dated:- 27/02/2020
4. The CBWTF shall comply with the emission Standard for treatment and disposal of Bio-medical waste by incineration as per Schedule-II of BMW Rules 2016.
5. The Noise level and emission from the D.G. set of 82.5 KVA capacity shall be maintained within the prescribed limit.
6. CBWTF shall submit quarterly Stack Monitoring Report of incinerator done through Board/MoEF approved/NABL accredited laboratory.
7. Incinerator shall be operated in accordance with Bio-Medical Waste Management Rules, 2016 w.r.t. maintenance of Temperature for primary and secondary chamber of incinerator.
8. Record w.r.t. operational parameter of autoclave such as temperature, pressure etc. as well as records for validation test conducted to check efficiency of autoclave shall be maintained.
9. Incinerator Ash shall be disposed through TSDF and Log books/records shall be maintained properly for generation and disposal of incinerator Ash.
10. The transportation of Bio Medical Waste shall be done through GPS enabled vehicles and detail of vehicles with registration number, name and mobile number of driver shall be submitted to the UPPCB within a week.
11. PTZ camera shall be installed in process house and storage area of received Bio medical waste. Facility shall provide the URL and password to the Board within 01 month.
12. Discarded medicine shall be disposed through incinerator as per BMW Rule, 2016 and sharp pit shall be provided for disposal of waste sharp as per CPCB Guidelines.
13. The CBWTF shall comply with the Bio Medical Waste Management Rules 2016 and annual report shall be submitted.
14. The facility shall install and operate Online Continuous Emission Monitoring System effectively with data connectivity to CPCB server. The facility shall also calibrate installed OCEMS facility from recognized agency on six monthly basis.
15. The CBWTF shall comply with the provisions of Hazardous and Other waste (Management and Trans boundary Movement) Rules, 2016.
16. The facility shall ensure bar coding system to be adopted by member healthcare facilities in accordance with Bio Medical Waste Management Rules (BMWM) 2016.
17. Industry shall comply with the Office memorandum no. H 48273/C-1/NGT-83/2020 dated 27.02.2020 issued by UPPCB.
18. The Facility shall develop and maintain green belt as per the guidelines issued by the Board vide office order dated 16/02/2018, which is available on Board's Website- www.uppcb.com. The proposal for plantation in the coming monsoon shall be submitted within 01 month.
19. The facility shall provide the list of members attached to CBWTF and details of Bio medical waste received and disposed during last quarter shall be submitted and record shall be properly maintained.
20. Consent fees if revised, shall be payable by industry from the date of its applicability.
21. Separate space for untreated Bio Medical Waste shall be provided by facility as per CPCB guidelines/Bio Medical Waste Management Rules 2016.
22. Comprehensive safety measures must be followed in handling of wastes and the staff must be properly trained.
23. Industry shall comply with the relevant provisions of Environmental Laws.
24. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.

Issued with the permission of competent authority .

Ajay Kumar Sharma

Digitally signed by Ajay Kumar Sharma
Date: 2021.03.06 18:53:08 +05'30'

For and on behalf of U.P. Pollution Control Board .

Chief Environmental Officer (circle-2)