

Gujarat Pollution Control Board

Regional Office-Ahmedabad East



Plot No.3501, Phase-IV, GIDC Vatva, Ahmedabad- 382445

Phone : 079 - 29295880

By R.P.A.D

CONSOLIDATED CONSENT AND AUTHORIZATION (CC & A)

CCA NO: WH-75205 Appl Type: CCA-Fresh

NO: GPCB / VAT / CCA- / ID- 96770/

In exercise of the power conferred under Section-25 of the Water (Prevention and Control of Pollution) Act - 1974, under Section - 21 of the Air (Prevention and Control of Pollution) Act - 1981 and Authorization under rule 6(2) of the Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the Environment (Protection) Act-1986.

And whereas Board has received consolidated application dated 18/07/2024 and inward No.316466 for the Consolidated Consent and Authorization (CC & A) of this Board under the provisions / rules of the aforesaid Acts, Consolidated Consent & Authorization is hereby granted as under.

CONSOLIDATED CONSENT AND AUTHORIZATION:

(Under the provisions / rules of the aforesaid Environmental Acts)

To,

M/s. BIOGENIX COMPOSTABLE PRIVATE LIMITED

PLOT A101,102,103, SWARAJ INDUSTRIAL PARK, KUHA PASUNJ ROAD

Village : kuha

Taluka: Daskroi, Dist: Ahmedabad : 382433

1. Consent Order No.: WH-75205 date of issue 12/08/2024
2. The consent under Water Act-1974, Air Act-1981 & Authorization under Environment (Protection) Act, 1986 shall be valid up to 30/06/2029 to operate industrial plant for manufacturing of the following products.

Sr. No.	List of Products	Quantity	Unit Per Month	CAS No.	Remark
1	Compostable granules	125	Metric Tonne		
2	compostable all type packaging material (Bags and Film)	100	Metric Tonne		

INDUSTRY SPECIFIC CONDITION:

1. Industry shall have to obtain registration in Form - I under PWMR-2016 with valid CCA.
2. To print Information related to Name and certificate number of manufacturer issued by CPCB as :
 - a) Print a Label "COMPOSTABLE" IS/ISO: 17088 titled as specifications for

"Compostable Plastic" in English & regional language on each carry bag made from Compostable material.

b) To provide QR code on each of the carry bag product manufactured by the Industry. QR code has to include the details (email/password, Name, plant address, CPCB certificate no. etc) of manufacturer.

3. According to section 2.6(iii) of SOP, submit Six Monthly report, giving details of raw material procurement and product sale, to in prescribed format to the Board.

4. Industry shall conform to the Indian Standard: IS 17088:2008 and obtain a certificate from the CPCB for manufacturing of compostable Plastic carry bags.

5. Industry shall ensure that Each carry bag made from compostable plastics shall bear a label "compostable" and shall conform to the Indian Standard: IS or ISO 17088:2008

6. Industry shall submit quarterly compliance report regarding compliance of PWM rules.

7. Unit shall maintain ZLD.

8. Unit shall strictly comply the all conditions of Plastic waste management rules-2016 and it subsequent amendments from time to time.

3. CONDITION UNDER THE WATER ACT:

3.1 The quantity of total water consumption shall not exceed 0.75 KL/Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

a) Industrial: 0.05 KL/Day

b) Domestic: 0.70 KL/Day

2. Source of water : Estate line

3.3 The quantity of total waste water generation shall not exceed 0.60 KL / Day as per below break up as mentioned in form D submitted for consent application under the Water Act- 1974.

a) Industrial: 0.00 KL/Day

b) Domestic: 0.60 KL/Day

3.4 Industrial effluent management:

a) Mode of disposal of treated industrial effluent: **ZLD**

b) Description for treated industrial effluent disposal: **There shall be no industrial waste water generation or discharge from the industry. Unit shall maintain ZLD.**

3.5 Domestic sewage management:

a) Mode of disposal of treated domestic sewage: **Soak Pit/Septic tank**

b) Description for treated domestic sewage disposal: **Unit shall dispose domestic waste water through Soak Pit/Septic Tank .**

3.6 There shall be no discharge of the industrial effluent which will be generated from the manufacturing process and other ancillary industrial operations, Hence the Industry shall strictly adhere to zero liquid discharge (ZLD).

3.7 Industry shall affix of water meters for the purpose of measuring and recording the quantity of water consumed at such places as may be required and it shall be presumed that the quantity indicated by the meter has been consumed by the Industry until the contrary is proved.

3.8 The Board reserves the right to review and/or revoke the consent and / or make modifications in the conditions which it seems fit in accordance with provisions of Water Act-1974. 3.9 The consent shall be lapsed automatically at any time If the discharge of trade effluent from your

industrial plant had been observed by the Board, and in the case you have to close down your industrial plant immediately with intimation to the Board.

4.CONDITIONS UNDER THE AIR ACT:

4.1 There shall be no use of any fuel anywhere in the manufacturing process and consequently there shall be no flue gas emission from the manufacturing process and any other ancillary industrial operation.

4.2 There shall be no process gas emission from the manufacturing process and any other ancillary industrial operation through various stacks/ vent of reactors, process, vessel from plant premises.

4.3 The concentration of the following parameters in the ambient air within the premises of the unit shall not exceed the limits specified hereunder.

Sr. No.	Parameters	Permissible Limit (microgram /m ³)	
		Annual	24 Hours Average
1	Particulate Matter (PM10)	60	100
2	Particulate Matter (PM2.5)	40	60
3	Sulphur Dioxide (SO ₂)	50	80
4	Nitrogen Dioxide (NO ₂)	40	80

a. Annual arithmetic mean of minimum 104 measurements in a year at a particular site taken twice a week 24 hourly at uniform intervals.

b. 24 hourly or 08 hourly or 01 hourly monitored values, as applicable, shall be complied with 98% of the time in a year. 2% of the time, they may exceed the limits but not on two consecutive days of monitoring.

4.4 Industry shall operate industrial plant / air pollution control equipment very efficiently and continuously so that the gaseous emission always conforms to the standards specified as above.

4.5 The consent to operate the industrial plant shall lapse if at any time the parameters of the gaseous emission are not within the tolerance limits specified as above.

4.6 Industry shall provide portholes, ladder, platform etc at chimney(s) for monitoring the air emissions and the same shall be open for inspection to/and for use of Board's staff. The chimney(s) vents attached to various sources of emission shall be designed by numbers such as S-1, S-2, etc. and these shall be painted/ displayed to facilitate identification.

4.7 Industry shall take adequate measures for control of noise levels from its own sources within the premises so as to maintain ambient air quality standards in respect of noise to less than 75 dB(a) during day time and 70 dB (A) during night time. Daytime is reckoned in between 6a.m.

and 10 p.m. and nighttime is reckoned between 10 p.m. and 6 a.m.

5. AUTHORISATION FOR THE MANAGEMENT & HANDLING OF HAZARDOUS WASTES Form-2 (See rule 6(2))

5.1 Number of authorization: WH-75205 date of issue 12/08/2024, Valid upto 30/06/2029

5.2 M/s. BIOGENIX COMPOSTABLE PRIVATE LIMITED is hereby granted an authorization to operate facility for following hazardous wastes on the premises situated at Plot No: A-101,102,103, SWARAJ INDUSTRIAL PARK, KUHA PASUNJ ROAD, GIDC Estate: Not In Gidc, Town: kuha, Taluka: Daskroi, Dist: Ahmedabad-Vatva.

Sr. No.	Name of Hazardous Waste	Sch.	Cate.	Qty MT/Yr	Facility & Mode of Disposal	Remarks
1	Used or Spent Oil	I	5.1	0.06	Collection, Storage, Disposal by reuse within plant premise	
2	PVC/ Plastic waste	X	X09	5.00	Collection, Storage, Disposal by reuse within plant premise	

5.3 The authorization is granted to operate a facility for collection, storage within factory premises, transportation and ultimate disposal of Hazardous wastes as mentioned above.

5.4 The authorization shall be in force for a period as mentioned above.

5.5 The authorization is subject to the conditions stated below and such other conditions as may be specified in the rules from time to time under the Environment (Protection) Act-1986.

5.6 Terms and conditions of authorization:

- The authorised person shall comply with the provisions of the Environment (Protection) Act, 1986, and the rules made there under.
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the Gujarat Pollution Control Board.
- The person authorised shall not rent, lend, sell, transfer or otherwise transport the hazardous and other wastes except what is permitted through this authorisation.
- Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- The person authorised shall implement Emergency Response Procedure (ERP) for which this authorisation is being granted considering all site specific possible scenarios such as spillages, leakages, fire etc. and their possible impacts and also carry out mock drill in this regard at regular interval of time;
- The person authorised shall comply with the provisions outlined in the Central Pollution Control Board guidelines on "Implementing Liabilities for Environmental Damages due to Handling and Disposal of Hazardous Waste and Penalty"
- It is the duty of the authorised person to take prior permission of the Gujarat Pollution Control Board to close down the facility.
- The imported hazardous and other wastes shall be fully insured for transit as well as for any accidental occurrence and its clean-up operation.
- The record of consumption and fate of the imported hazardous and other wastes shall be maintained.

- j. The hazardous and other waste which gets generated during recycling or reuse or recovery or pre-processing or utilisation of imported hazardous or other wastes shall be treated and disposed of as per specific conditions of authorisation.
- k. The importer or exporter shall bear the cost of import or export and mitigation of damages if any.
- l. An application for the renewal of an authorisation shall be made as laid down under these Rules.
- m. Any other conditions for compliance as per the Guidelines issued by the Ministry of Environment, Forest and Climate Change or Central Pollution Control Board from time to time.
- n. Annual return (Form - 4) shall be filed by June 30th for the period ensuring 31st March of the year.
- 5.7 The industry shall have to manage used or spent oil; empty or discarded barrels / containers / liners contaminated with hazardous chemicals / wastes, process waste as per Hazardous & Other Wastes (Management and Transboundary Movement) Rules-2016, framed under the E(P)Act-1986 and shall apply Authorization for all applicable waste.
- 5.8 The waste generator shall be totally responsible for (i.e. collection, storage, transportation and ultimate disposal) of the wastes generated.
- 5.9 In case of any accident, details of the same shall be submitted in Form - 11 to Gujarat Pollution Control Board.

6 GENERAL CONDITIONS:

- 6.1 In case of change of ownership/ management the name and address of the new ownership / partners/ directors/ proprietor should immediately be intimate to the Board. Also any change in equipment or working conditions as mentioned in the consent form/ order should immediately be intimated to this Board.
- 6.2 Industry shall put up at the entrance a board displaying the name of the Industry, particulars of the products/ process and the name of proprietor/partners /directors of the Industry and the electricity consumer number as on the record of UGVCL.
- 6.3 The environmental statements pertaining to the previous year shall be submitting to this State Board latest by 30th September every year.
- 6.4 Adequate plantation shall be carried out all along the periphery of the industrial premises in such a way that the density of plantation is at least 1000 trees per acre of land and a green belt of 5 meters width is developed.
- 6.5 The industry shall have to display the relevant information with regard to hazardous waste , waste water & air pollutants as indicated in the Courts Order in W.P. No.657 of 1995 dated

14th October-2003.

6.6 As per "Public Liability Insurance Act – 1991", industry shall get Insurance Policy, if applicable.

For and on behalf of
GUJARAT POLLUTION CONTROL BOARD



(Dr. Tallika Patel)

RO Head, Ahmedabad (East)

Outward No:17417, 21/10/2024