



TELANGANA STATE POLLUTION CONTROL BOARD

CONSENT ORDER FOR ESTABLISHMENT

ORDER NO. 200122673342

DATED: 31/10/2020.

SUB: TSPCB-Consent for Establishment-M/s. PORUS BIOSCIENCES LLP , S.F. No. Lab-8, Turkapally village, Shamirpet Taluk and Medchal ii District - Consent for Establishment of the Board under Sec.25 of Water(P & C of P) Act, 1974 and Under Sec.21 of Air (P&C of P) Act, 1981 - Issued - Reg.

REF:

1. In the reference cited, an application was submitted to the Board seeking Consent for Establishment (CFE) of the Board to establish, with a project cost of Rs. to manufacture following products/activity.

S.No.	Product	Capacity	Unit
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2. As per the application, proposed products are to be manufactured/activity to be carried out at Porus biosciences llp , S.F. No. Lab-8, Turkapally village, Shamirpet Taluk and Medchal ii District

3. The above site was inspected by & Asst. Environmental Engineer, Regional office, T.S Pollution Control Board and observed that the site is surrounded by

NORTH	
SOUTH	
EAST	
WEST	

4.

5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.

6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.

MEMBER SECRETARY

To
The Director, M/s. PORUS BIOSCIENCES LLP,
MEDCHAL II, Shamirpet, Turkapally, Lab-8, TURKAPALLY, 500101,
Pin: 500101

Copy to :

SCHEDULE – A

SCHEDULE - B

MEMBER SECRETARY

To
The Director,M/s.PORUS BIOSCIENCES LLP,
MEDCHAL II,Shamirpet,Turkapally,Lab-8,TURKAPALLY,500101,
Pin: 500101



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

D. Krupanand
Joint Chief Environmental Engineer

H.No.6-3-1219, Sy.No.TS No.1 Part,
Block - C, Ward No.91, Near Country Club,
Uma Nagar, Begumpet, Hyderabad
Phone: 040-23402495

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DESPATCHED

ON 31/10/2020

CONSENT ORDER FOR ESTABLISHMENT – RED CATEGORY

Order No. 1673 - RR-II/TSPCB/ZO-HYD/TS-iPASS/CFE/2020-322 Date: 31.10.2020

Sub: TSPCB – ZOH – TS-iPASS - CONSENT FOR ESTABLISHMENT (CFE) – M/s. Porus Biosciences LLP, Lab. No. 8, Sy.No. 234/2, 234/3, 235/2, SME Hub (Catalyst), IKP Knowledge Park, Turkapally (V), Shameerpet (M), Medchal-Malkajgiri District - Consent for Establishment of the Board under Sec.25 of Water (Prevention and Control of Pollution) Act, 1974 and under Sec.21 of Air (Prevention and Control of Pollution) Act, 1981 – **Issued – Reg.**

Ref: 1. Industry's CFE application received through TS-iPASS online portal on 30.09.2020 at TSPCB, RO, Medchal-Malkajgiri District.
2. TSPCB, RO, Medchal-Malkajgiri District verification report dated 22.10.2020 and received by Zonal Office, Hyderabad on 22.10.2020.
3. CFE Committee meeting held on 23.10.2020 at TSPCB, Zonal Office, Hyderabad.
4. TSPCB, RO, Medchal-Malkajgiri District balance fee email dated 27.10.2020.

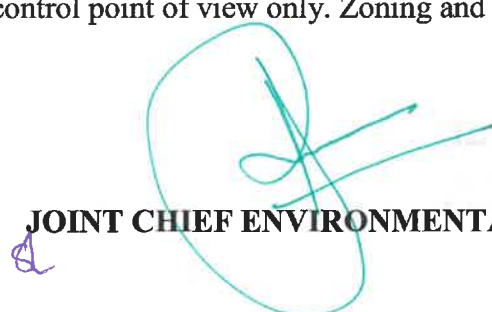
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1. In the reference cited, an application was submitted to the Board seeking Consent for Establishment (CFE) to setup R & D Activity (Biotechnology process with using solvents) as mentioned below, with an investment of **Rs. 92.00 Lakhs**.

Sl. No.	Proposed Product
1.	R & D Activity (Biotechnology process with using solvents)

2. As per the application, the above activity is to be located at **Lab. No. 8, Sy.No. 234/2, 234/3, 235/2, SME Hub (Catalyst), IKP Knowledge Park, Turkapally (V), Shameerpet (M), Medchal-Malkajgiri District**.
3. The above site was inspected by the Asst. Environmental Engineer, Regional Office, Medchal-Malkajgiri District, T.S. Pollution Control Board on 19.10.2020 and found that the industry is surrounded by **East:** IKP Knowledge Park Phase –III Block, **West:** IKP Knowledge Park Admin Block, **South:** M/s. Biological E Limited, **North:** Internal Road followed by garden area of IKP Knowledge park.
4. The Board, after careful scrutiny of the application, verification report of Regional Office, Medchal-Malkajgiri District, recommendation by the CFE Committee meeting held on **23.10.2020** at TSPCB, Zonal Office, Hyderabad, hereby issues **CONSENT FOR ESTABLISHMENT** to the industry, under Section 25 of Water (Prevention and Control of Pollution) Act, 1974 and under Section 21 of Air (Prevention and Control of Pollution) Act, 1981 and the rules made there under. This Order is issued to manufacture the products mentioned at para (I) only.

5. This Consent Order now issued is subject to the conditions mentioned in Schedule 'A' and Schedule 'B'.
6. This order is issued from pollution control point of view only. Zoning and other regulations are not considered.



JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules "A & B".

To
M/s. Porus Biosciences LLP,
Lab. No. 8, Sy.No. 234/2, 234/3, 235/2,
SME Hub (Catalyst), IKP Knowledge Park,
Turkapally (V), Shameerpet (M),
Medchal-Malkajgiri District.
Email: prashant.g@porusbio.com

Copy submitted to the Member Secretary, TSPCB, Board Office, Hyderabad for information.
Copy submitted to The General Manager, District Industries Centre, Near ORR, Keesara, Medchal- Malkajgiri District, Collectorate Complex, Hyderabad-500083.
Copy to the Environmental Engineer, TSPCB, Regional Office, Medchal-Malkajgiri District for information and necessary action.

SCHEDULE – A

1. Separate meters with necessary pipe-line shall be provided for assessing the quantity of water used for each of the purposes mentioned below.
 - a. Industrial cooling.
 - b. Domestic purposes.
 - c. Processing whereby water gets polluted and pollutants are easily bio-degradable.
2. The industry shall provide a minimum stack height (H) to the DG sets as per the following formula.
$$H = h + 0.2 \text{ SQRT (KVA)}$$

KVA = Total generation capacity, h = Height of building where DG Set is installed.
3. The generator shall be installed in a closed area with a silencer and suitable noise absorption systems. The ambient noise level shall not exceed 75 dB(A) during day time and 70 dB(A) during night time measured from a distance of 5mtrs from the DG Set.
4. The industry shall install and commission appropriate control and ventilation system for controlling the air pollution.
5. The industry shall take appropriate measures to ensure that the ground level concentrations shall comply with revised National Ambient Quality Norms notified by MoE&F, GoI on 16.11.2009.
6. Floor washing shall be admitted into the effluent collection system only and shall not be allowed to find their way in storm drains or open areas. The applicant shall maintain good house keeping both within the factory and in the premises. All pipe valves, sewers, and drains shall be leak proof.
7. The solid waste arising in the premises shall be properly collected and disposed off.
8. There shall not be any perceptible odour outside the industry's premises.
9. All the rules and regulations notified by Ministry of Environment and Forests, Govt. of India in respect of noise pollution control measures shall be followed to avoid nuisance to public.
10. The proponent shall take measures to comply with the provisions laid down under Noise pollution (Regulation and Control) Amendment Rules, 2010 dated 11.01.2010 issued by MoE&F, GoI to control the noise to the prescribed levels.
11. The applicant shall obtain Consents for operation regularly from TSPCB, as required Under Sec. 25/26 of the Water (P&C of P) Act, 1974 and Under Sec. 21/22 of the Air (P&C of P) Act, 1981, for operation of the industry, before starting trial production. The Consent for Operation will be accorded only after ensuring compliance of all the conditions stipulated in this order.
12. The applicant shall comply with and carryout conditions issued by the Board in this consent order scrupulously. The applicant is liable for legal action as per the provisions of the relevant Acts in case of non-compliance of any conditions of the consent order.
13. Notwithstanding anything contained in this conditional letter or consent, the Board hereby reserves its right and power Under Sec. 27(2) of Water (Prevention and Control of Pollution) Act, 1974 and Under Sec.21 (4) of Air (Prevention and Control of Pollution) Act, 1981 to review any or all the conditions imposed herein and to make such alternation as deemed fit and stipulate any additional conditions for the purpose of the Act by the Board.
14. The applicant shall exhibit the consent of the Board in the factory premises at a conspicuous place for the information of the inspecting officers of different departments.
15. Telangana State Pollution Control Board reserves the right to review, impose additional condition or conditions, revoke, change or alter the terms and conditions of this Order. Also the Board reserves the right to withdraw the CFE without any prejudice/ notice on receiving any complaints by the Board regarding Environmental Pollution problems caused by the industry.

16. The industry is liable to pay compensation for any environmental damage caused by it, as fixed by the Collector and District Magistrate as civil liability.
17. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
18. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
19. Any person aggrieved by an order made by the State Board under Section 25, Section 26, Section 27 of Water Act, 1974 or Section 21 of Air Act, 1981 may within thirty days from the date on which the order is communicated to him, prefer an appeal as per Telangana State Water rules, 1976 and Air Rules 1982, to such authority (herein after referred to as the Appellate Authority) constituted under Section 28 of the Water (prevention and Control of Pollution) Act, 1974 and Section 31 of the Air (Prevention and Control of Pollution) Act, 1981.

SCHEDULE – B

1. This order is valid for a period of 5 years from the date of issue.
2. The proponent shall report progress on implementation of the project to this office and T.S. Pollution Control Board, Regional Office, Medchal-Malkajgiri District regularly.
3. The industry shall not provide pilot plant activity and shall not go for commercial production without permission of the Board.
4. The source of water is IKP Knowledge Park and the maximum permitted water consumption shall not exceed the following quantities:

S. No.	Purpose	Total Consumption (KLD)
1.	Process & Washings	0.95 KLD
2.	Domestic	0.05 KLD
	Total	1.0 KLD

5. The maximum waste water generation (KLD) shall not exceed the following:

S. No.	Wastewater generation	Total Generation (KLD)
1.	Process & Washings	0.95 KLD
2.	Domestic	0.04 KLD
	Total	0.99 KLD

Effluent source	Standards to be complied	Mode of final disposal
Process & Washings (0.95 KLD)	Inlet standards of CETP as prescribed by the Board.	Shall be sent to ETP provided by M/s. IKP Knowledge Park and after pretreatment, shall be sent to CETP, M/s. JETL, Jeedimetla, Medchal-Malkajgiri District for further treatment & disposal.
Domestic (0.04 KLD)	pH - 5.5-9.0, Total Suspended Solids - 200.0 mg /l, Oil & Grease - 10.0 mg /l, Biochemical Oxygen Demand (3 days at 27 ⁰ C) - ≤ 10 mg/lit.	Shall be disposed to common STP provided by M/s. IKP Knowledge Park. After treatment, the treated domestic wastewater is used for greenbelt development.

6. The industry shall have minimum of 7 days storage capacity of effluents on above ground level, with-in the premises.
7. The industry shall send the process & washings to ETP provided by M/s. IKP Knowledge Park and after pretreatment, shall be sent to CETP, M/s. JETL, Jeedimetla, Medchal-Malkajgiri District for further treatment & disposal.

8. The industry shall regularly send the domestic effluents to common STP provided by M/s. IKP Knowledge Park for further treatment. After treatment, the treated effluents shall be used for gardening duly meeting the prescribed standards.
9. The industry shall provide digital flow meter with totalizer for assessing the quantity of waste water, water consumption.
10. The industry shall not discharge any waste water to outside the factory premises.
11. The Solid wastes generated shall not exceed the following breakup quantities:

S. No.	Name and of the Hazardous / Solid waste	Quantity	Hazardous / as defined under HWM Rules, 2016	Method of Disposal
1.	Plastic ware (tips, tubes, etc) media plates, Gloves that has come in contact with microbial culture.	5 Kg/month	--	Shall be send to authorized CBMWTF for safe disposal.
2.	Agarose gel - protein & DNA sample.	5 Kg/month	--	
3.	HPLC vials/ Broken Glassware - flask, pipettes Etc.	5 Kg/month	--	
4.	Metal - blades, needles.	1 Kg/annum	--	

12. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
13. The industry shall not dispose the solid waste outside the factory premises.
14. The industry shall develop 33% of the total area as thick green belt all along the boundary of the unit and also in the vacant places with all tall growing trees with wide leaf area.
15. The industry shall comply with all the Rules and Regulations specified in Water (P&C of P) Act, 1974, Air (P&C of P) Act, 1981 and Hazardous and other Wastes (Management, Transboundary Movement) Rules, 2016 and amendments thereof.
16. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
17. The industry shall not take up trial production without obtaining Consent for Operation of the Board.
18. Rain Water Harvesting (RWH) structure (s) shall be established on the plant site so that the ground water is recharged by the storm water.
19. The industry shall comply with Rules & Regulations notified by Ministry of Law and Justice, Govt. of India, regarding the Public Liability Insurance Act, 1991.
20. The following rules and regulations notified by the MoE&F, GoI shall be implemented:
 - a. Solid Waste Management Rules, 2016.
 - b. Construction and Demolition Waste Management Rules, 2016.
 - c. Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 & its amendments.
 - d. Batteries (Management & Handling) Amendment Rules, 2010 & its amendments.
 - e. E-Waste (Management) Rules, 2016.
 - f. Bio-Medical Waste Management Rules, 2016 & its amendments.
 - g. Plastic Waste Management Rules, 2016 & its amendments.
21. The industry shall comply with all the directions issued by the Board from time to time.
22. Concealing the factual data or submission of false information / fabricated data and failure to comply with any of the conditions mentioned in this order may result in withdrawal of this order and attract action under the provisions of relevant pollution control Acts.

23. The Board reserves its right to modify above conditions or stipulate any further conditions and to take action including revoke of this order in the interest of environment protection.
24. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.


JOINT CHIEF ENVIRONMENTAL ENGINEER

To
M/s. Porus Biosciences LLP,
Lab. No. 8, Sy.No. 234/2, 234/3, 235/2,
SME Hub (Catalyst), IKP Knowledge Park,
Turkapally (V), Shameerpet (M),
Medchal-Malkajgiri District.