



TELANGANA STATE POLLUTION CONTROL BOARD

Phone: 23887500
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CONSENT ORDER FOR CFO DIRECT AND HAZARDOUS WASTE
AUTHORIZATION - RED CATEGORY

CONSENT ORDER NO. 230524578864 DATED: 20/07/2023.

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof, Operation of the plant under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof and Authorisation / Renewal of Authorisation under Rule 6 of the Hazardous Wastes (Management, Handling & Transboundary, Movement) Rules 2016 & Amendments thereof)

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974, under section 21/22 of Air (Prevention & Control of Pollution) Act 1981 and amendments thereof, and Authorisation under the provisions of HW (MH & TM) Rules, 2016 (hereinafter referred to as 'the Acts & the Rules') and amendments thereof and the rules and orders made there under to M/s. "Telluris biotech india private limited ,MEDCHAL II,Shamirpet,Turkapally,4c,Turkapally,500101 " (hereinafter referred to as 'the Applicant /Industry') and the industry is authorized to operate the industrial plant to discharge the Effluents from the outlets and the quantity of Emissions per hour from the chimneys, by operating pollution control equipment, as detailed below,

i) Out lets for discharge of Effluents :

Outlet No.	Description of Outlet	Max Daily Discharge in KLD	Point of Disposal
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ii) Emissions from chimneys:

Chimney No.	Description of Chimney
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iii) HWAutorisation No.230524578864

DATED: 20/07/2023.

HAZARDOUS WASTE AUTHORISATION
(FORM II)
[See Rule 6 (2)]

Telluris biotech india private limited ,MEDCHAL II,Shamirpet,Turkapally,4c,Turkapally,500101is hereby granted an authorization to operate a facility for collection, reception, storage, treatment, transport and disposal of Hazardous Wastes namely:

1. HAZARDOUS WASTES WITH DISPOSAL OPTION :

Name of the Hazardous Waste	Stream	Quantity	Disposal option
-----NIL-----			

2. HAZARDOUS WASTES WITH RECYCLING OPTION :

Name of the Hazardous Waste	Stream	Quantity	RECYCLING option
-----NIL-----			

S.No.	Name of the Product	Capacity	Unit
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This order is subject to the provision of 'the Acts' and the Rules and amendments made thereunder and further subject to the terms and conditions incorporated in the schedule A, B and C enclosed to this order.

This combined order of Consents and Authorization is valid for a period ending with the .July 20, 2023

MEMBER SECRETARY

To
The Managing Director,
M/s.TELLURIS BIOTECH INDIA PRIVATE LIMITED,
MEDCHAL II,Shamirpet,Turkapally,4c,Turkapally,500101,
Pin: 500101

Copy to :

SCHEDULE 1A

SCHEDULE - B

1. Total Water Consumption shall not exceed : 3.02 KLD

S.No.	Purpose	Quantity
1	Process	0.5
2	Washing	0.53
3	Boiler feed/make up	0.67
4	Cooling water makeup	0.33
5	DM plant/regeneration	0.53
6	Domestic	0.33
7	Others	0.13

2. The Treated Effluent Dischrged/pre-treated effluent sent to CETB shall not exceed the following prescribed standards

Outlet No.	Parameter	Limiting Standard
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3. The Emission shall not exceed the following prescribed standards

Chimney No.	Description of Chimney	Parameter	Emission Standards
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SCHEDULE - C

MEMBER SECRETARY

To
The Managing Director,
M/s.TELLURIS BIOTECH INDIA PRIVATE LIMITED,
MEDCHAL II,Shamirpet,Turkapally,4c,Turkapally,500101,
Pin: 500101



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

H.No.6-3-1219, TS No.1 Part, Block - C, Ward No.91, Near Country Club,
Uma Nagar, Begumpet, Hyderabad. Phone: 040-23402495
Email: jcee-zhyd-tspcb@telangana.gov.in.

CONSENT & HW AUTHORIZATION ORDER - ORANGE CATEGORY

Consent Order No: 1909-RR-II/TSPCB/ZOH/TS-iPASS/CFO/2023- 272 Date: 20.07.2023

(Consent Order for Existing/New or altered discharge of sewage and/or trade effluents/outlet under Section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and amendments thereof and Operation of the plant under section 21 of Air (Prevention & Control of Pollution) Act, 1981 and amendments thereof) and Authorization / Renewal of Authorization under Rule 6 of the Hazardous and other Wastes (Management and Transboundary Movement) Rules, 2016.

CONSENT is hereby granted under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of Air (Prevention & Control of Pollution) Act, 1981 (hereinafter referred to as 'the Acts') and Authorization under the provisions of HW (M & TM) Rules (herein after referred to as 'the Acts' 'the Rules') the rules and orders made thereunder to.

M/s. Telluris Biotech India Private Ltd.,
Plot No. 4C, Ground Floor & 2nd Floor of M/s Cronies Pharma,
Part of Sy. No. 230 to 243, MN Park, Synergy Square 1,
Genome Valley, Turkapally (V), Shamirpet (M),
Medchal – Malkajgiri District.

(Herein after referred to as 'the Applicant') authorizing to operate the industrial plant to discharge the effluents from the outlets and the quantity of Emissions per hour from the chimneys as detailed below:

i) Outlets for discharge of effluents:

Outlet No.	Outlet Description	Max Daily Discharge	Point of Disposal	Limiting Standards
1	Process	0.17 KLD	After pre-treatment, shall be lifted to CETP i.e., M/s.JETL for further treatment and disposal through M/s. Cronies Pharma & Bio Sciences (P) Ltd	Inlet parameters of CETP prescribed by the Board.
2	Washing	0.53 KLD		
3	Boiler blow down	0.02 KLD		
4	Cooling towers & chillers down	0.20 KLD		
5	Softener regeneration and RO Plant rejects	0.53 KLD		
6	Centrifuge flushings / washings	0.13 KLD	Shall be sent to STP provided by M/s.MN Science & Technology Park (P) Ltd. After treatment, shall be used on land for gardening by M/s. Cronies Pharma & Bio Sciences (P) Ltd within the premises.	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.
7	Domestic	0.33 KLD		

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow	Emission Standards
1	Attached to Diesel Fired boiler of capacity – 0.85 TPH	---	SPM - 115 mg/Nm ³ SO ₂ – 600 mg/Nm ³ . At 6% dry O ₂ , for solid fuel and 3% dry O ₂ for liquid fuel NOx – 300 mg/Nm ³ .

			At 6% dry O ₂ , for solid fuel and 3% dry O ₂ for liquid fuel
2	Attached to DG Set of capacity – 160 KVA	---	SPM - 115 mg/Nm ³

iii) Hazardous Waste Authorization: (Form – 2) [See Rule 6(2)]:

M/s. Telluris Biotech India Private Ltd., Plot No. 4C, Ground Floor & 2nd Floor of M/s Cronies Pharma, Part of Sy. No. 230 to 243, MN Park, Synergy Square 1, Genome Valley, Turkapally (V), Shamirpet (M), Medchal – Malkajgiri District is hereby granted an authorization to operate a facility for collection, reception, storage, transport and disposal of the following wastes with quantities as mentioned below:

Sl.No.	Name of the Hazardous / Solid waste	Quantity	Hazardous as defined under HWM Rules, 2016	Method of Disposal
1.	Process Residue sludge – Saponing	3 Kg/day	--	Shall be disposed to TSDF, Dundigal, Medchal-Malkajgiri District for safe disposal for further treatment and disposal through M/s Cronies Pharma & Biosciences Pvt. Ltd.,
2.	Process Residue sludge – Yeast cell debris	13 Kg/day	--	
3.	Inorganic waste	5 Kg/day		
4.	Organic waste	5 Kg/day	--	
5.	Date Expired materials	3 Kg/day	--	
6.	Spent Solvents	0.2 Kg/ day	20.2 of Sch-I	
7.	Used waste oils	50 Ltrs/ annum	5.1 of Sch-1	
8.	Used Lead Acid Batteries	2 Nos./ annum	17 of Sch-IV	

This order is subject to the provisions of ‘the Acts’ and ‘the Rules’ and orders made thereunder and further subject to the terms and conditions incorporated in the schedule A, B & C enclosed to this order.

This consent is valid for manufacture the following products along with quantities only

S. No.	Product & By product	Capacity
1	Agriculture Input Chemical – Biostimulant	14 KL/month
2	Agriculture Input Chemical-pesticides based on peptide	5 KL/month

This combined order of Consents & Hazardous Waste Authorization shall be valid for a period ending with the **31.05.2033**. *The industry shall pay the consent fees annually from the financial year 2027-28 to till the validity of the consent order.*

The payment of annual consent fee for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April - June) is mandatory for the industry. Failing which, the validity of the Consent Order automatically stands cancelled and operation of industry without valid Consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.

JOINT CHIEF ENVIRONMENTAL ENGINEER

Encl: Schedules A, B & C

To

M/s. Telluris Biotech India Private Ltd.,
Plot No. 4C, Ground Floor & 2nd Floor of M/s Cronies Pharma,
Part of Sy. No. 230 to 243, MN Park, Synergy Square 1, Genome Valley,
Turkapally (V), Shamirpet (M), Medchal – Malkajgiri District.

Email: legal@tellurisbiotech.com

Copy submitted to the Member Secretary, TSPCB, Board Office, Hyderabad for information.
Copy 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. **The EE, RO, Medchal is further directed to ensure that the industry pays the annual consent fees for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April-June) and the EE, RO, Medchal shall report to this office, if any non-compliance by the industry.**

SCHEDULE – A

1. The applicant shall make applications through online for renewal of Consent (under Water & Air Acts) and Authorization under HWM Rules at least 120 days before the date of expiry of this order, along with prescribed fee under Water and Air Acts for obtaining Consent & HW Authorization of the Board. The applicant can also apply for Auto Renewal of the CFO atleast 30 days before the expiry of this order as per the procedure and eligibility stipulated in the Board Circular dt.19.11.2015 & 08.12.2015 (available in Board's Website: <http://tspcb.cgg.gov.in/Pages/Circulars.aspx>).
2. 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.
3. The industry may explore the possibility of tapping the solar energy for their energy requirements.
4. 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 Rules, to such authority (hereinafter 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.
5. 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 protection of public health and environment.

SCHEDULE – B

Special Conditions:

1. The industry has paid consent fee upto 31.03.2027. The industry shall pay the consent fees annually from the financial year 2027-2028 to till the validity of the consent order i.e., upto 31.05.2033.
2. The industry shall pay balance consent fee annually as per the rates notified in GO Ms No. 22. The payment of annual consent fee shall be made at the concerned RO for every financial year (i.e., April to March) within the stipulated time period i.e., 1st quarter of every financial year (April - June) is mandatory for the industry. Failing which, the validity of the Consent Order automatically stands cancelled and operation of industry without valid Consent attracts penal action under the provision of Water Act, Air Act & Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016.
3. The industry either paying annual fee or total fee for consented period, shall pay the balance consent fee as per the revised rates as applicable from time to time
4. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

Sl No.	Purpose	Total Quantity
1.	Process	0.50 KLD
2.	Washing	0.53 KLD
3.	Boiler make up	0.67 KLD
4.	Cooling towers & Chillers make up	0.33 KLD
5.	Softener regeneration and RO Plant rejects	0.53 KLD
6.	Centrifuge flushings / washings	0.13 KLD
7.	Domestic	0.33 KLD
Total		3.02 KLD

5. The industry should comply with the National ambient air quality standards as per MoEF, GoI notification dated. 18.11.2009 along the premises of the factory as prescribed below:

S. No.	Parameters	Standards in $\mu\text{g}/\text{m}^3$
1	Particulate Matter(PM ₁₀)	100
2	Particulate Matter (PM _{2.5})	60
3	SO ₂	80

4	NO _x	80
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Noise Levels: Day time (6 AM to 10 PM) - 75 dB (A)

Night time (10 PM to 6 AM) - 70 dB (A).

6. The industry shall not manufacture any extra products or extra capacities without obtaining CFE/CFO of the Board.
7. The industry shall treat the waste water in ETP. After pre-treatment, shall be lifted to CETP i.e. M/s. JETL for further treatment and disposal by M/s. Cronies Pharma & Bio Sciences (P) Ltd through M/s. MN Science & Technology Park (P) Ltd., duly meeting the inlet standards of CETP as prescribed by the Board.
8. The industry shall send the domestic effluents to the Sewage Treatment Plant (STP) provided by M/s. MN Science & Technology Park (P) Ltd. After treatment, shall be used on land for gardening by M/s. Cronies Pharma & Bio Sciences (P) Ltd within the premises duly meeting the prescribed standards of the Board.
9. The industry shall provide digital flow meters with totalizer for assessing the quantity of waste water disposed in to common effluent collection tank of M/s. Cronies Pharma & Bio Sciences (P) Ltd and shall maintain the register.
10. The industry shall suck the fumes emanated during the various chemical reactions in the fume cupboards and pass them through a wet scrubber before letting into atmosphere through common stack.
11. The industry shall collect hazardous waste properly and lift the waste to M/s.TSDF, Dundigal, Medchal-Malkajgiri District for safe disposal for further treatment and disposal through M/s.Cronies Pharma & Biosciences Pvt. Ltd.
12. The industry shall not discharge any waste water to outside the factory premises.
13. The industry shall not cause any air pollution/odour nuisance to the surrounding environment.
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 should maintain the following records and the same should be made available to the Board Officials during the inspection.
 - a) production details, RG-I records and Central Excise Returns.
 - b) Quantity of effluents generated and lifted to CETP
 - c) Log Books for pollution control systems.
 - d) Daily solid waste generated and disposed to TSDF.
16. The industry shall maintain good house keeping & maintain proper records for hazardous waste stated in the authorization.
17. The industry shall submit Environmental Statement in Form V before 30th September every year as per Rule No.14 of Environmental (Protection) Act, 1986.
18. The industry shall take necessary measures to control fugitive emissions.
19. The industry shall take all precautionary and safety measures during process operations.
20. The industry shall comply with the ambient air quality standards in respect of noise, as stipulated in the Environment (Protection) Rules, 1986.
21. The industry shall comply with all the directions issued by the Board from time to time.
22. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.
23. The conditions stipulated in this order are without any prejudice to rights and contentions of this Board in any Hon'ble court of Law.

SCHEDULE - C

(See Rule 6(2))

[SPECIAL CONDITIONS OF AUTHORISATION FOR OCCUPIER OR OPERATAOR HANDLING HAZARDOUS WASTE]

1. The industry shall give top priority for waste minimization and cleaner production practices.

2. The industry shall not store hazardous waste for more than 180 days as per the Hazardous & other wastes (Management and Transboundary Movement) Rules, 2016 and its amendment thereof.
3. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
4. The industry shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Re-processors / Recyclers.
5. The industry shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
6. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
7. The industry shall maintain good housekeeping & maintain proper records for Hazardous Wastes stated in Authorization.
8. The industry shall dispose the e-waste to authorized recyclers / dismantlers only.
9. The industry shall submit the condition wise compliance report of the conditions stipulated in Schedule B & C of this Order on half yearly basis to Board Office, Hyderabad and concerned Regional Office.

 **JOINT CHIEF ENVIRONMENTAL ENGINEER**



To

**M/s. Telluris Biotech India Private Ltd.,
Plot No. 4C, Ground Floor & 2nd Floor of M/s Cronies Pharma,
Part of Sy. No. 230 to 243, MN Park, Synergy Square 1,
Genome Valley, Turkapally (V), Shamirpet (M),
Medchal – Malkajgiri District.**

