



TELANGANA STATE POLLUTION CONTROL BOARD

Phone: 23887500
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CONSENT & HWA ORDER (RENEWAL) - RED CATEGORY

CONSENT ORDER NO. 240825045907 DATED: 09/05/2024.

(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.

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.",M/s.bayer science and innovation private limited (formerly monsanto holdings pvt limited) ,Sy No. 679,Lalgadimalakpet, Shamirpet,MEdchal Malkajgiri district 500078 " (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.240825045907 DATED: 09/05/2024.

HAZARDOUS WASTE AUTHORISATION
(FORM i½ II)
[See Rule 6 (2)]

M/s.bayer science and innovation private limited (formerly monsanto holdings pvt limited) ,Sy No. 679,Lalgadimalakpet, Shamirpet,MEdchal Malkajgiri district 500078is 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 .May 09, 2024

MEMBER SECRETARY

To
The Director,
M/s.M/S.BAYER SCIENCE AND INNOVATION PRIVATE LIMITED (FORMERLY MONSANTO HOLDINGS PVT LIMITED),
Sy No. 679,Lalgadimalakpet, Shamirpet,MEdchal Malkajgiri district 500078,
Pin: 500078

Copy to :

SCHEDULE 1A

SCHEDULE - B

1. Total Water Consumption shall not exceed : 44.00 KLD

S.No.	Purpose	Quantity
1	Others Process & Washings	16.1
2	Domestic	11.9
3	Others Gardening/ Irrigation	16.0

2. The Treated Effluent Discharged/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 Director,
M/s.M/S.BAYER SCIENCE AND INNOVATION PRIVATE LIMITED (FORMERLY MONSANTO HOLDINGS PVT LIMITED),
Sy No. 679,Lalgadimalakpet, Shamirpet,MEDchal Malkajgiri district 500078,
Pin: 500078



TELANGANA STATE POLLUTION CONTROL BOARD
ZONAL OFFICE: HYDERABAD

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
Email: jcee-zhyd-tspcb@telangana.gov.in

CONSENT & HW AUTHORIZATION ORDER – ORANGE CATEGORY

Consent Order No.949-RR-II/TSPCB/ZOH/CFO/TS-iPASS/2024- 202 Date:06.05.2024

(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, 2016 (herein after referred to as 'the Acts' 'the Rules') the rules and orders made thereunder to

M/s. Bayer Science and Innovation Pvt. Ltd.,
(Formerly M/s. Monsanto Holdings Pvt. Ltd.),
Sy.No. 678, 679, Lalgadi Malakpet (V),
Shameerpet (M), Medchal- Malkajgiri District

(Hereinafter 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	Quantity	Mode of final disposal	Standards to be complied
1	Process & washings	16.1 KLD	After pretreatment, shall be sent to M/s. JETL, Jeedimetla for further treatment and disposal.	Inlet parameters of CETP prescribed by the Board
2	Domestic effluents	7.5 KLD	After treatment in STP & disinfection, the treated effluents shall be used on land for gardening within the premises.	pH - 5.5-9.0, Total Suspended Solids - 200.00 mg/lit, Oil & Grease - 10.00 mg/lit, Biochemical Oxygen Demand (3 days at 27 ⁰ C) - 10.00 mg /lit

ii) Emissions from chimneys:

Chimney No.	Description of Chimney	Quantity of Emissions at peak flow	Emission Standards
1.	Attached to DG Set of Capacity - 500 KVA	----	SPM - 115 mg/Nm ³

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

M/s. Bayer Science and Innovation Pvt. Ltd., (Formerly M/s. Monsanto Holdings Pvt. Ltd.),

Sy.No. 678, 679, Lalgadi Malakpet (V), Shameerpet (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:

S. No.	Name and quantity of the Hazardous waste	Stream	Quantity	Disposal option
1	Used Oil / Waste Oil	5.1 of Sch-I	400 Ltrs/annum	Shall be sent to authorized agencies / dealers for Re-processing / Re- Cycling.
2	Fugitive dust emission	---	150 Kgs/Annum	Shall be sent to authorized vendors/AFRF facilities for pre-processing/cement units for co-processing.
4	Discarded / treated seeds	---	150 TPA	
5	Oil contaminated filters	5.2 of Sch-I	250 Kgs/year	
6	Discarded containers	33.1 of Sch-I	750 Nos./annum	Shall be disposed to TSDF, Dundigal for further disposal
7	RO Membranes	---	200 Kgs/annum	Shall be sent to authorized vendors/AFRF facilities for pre-processing/cement units for co-processing.
8	Used PPEs	33.1 of Sch-I	500 kgs/annum	
9	Rotary Drying and Coating waste (RDC)	---	20 KL/annum	
10	Lead Acid Batteries	17 of Sch-I	1100 Kgs/annum	Shall be sent to Sent back to the suppliers.
11	SMS batteries	---	1000 Kgs/annum	Shall be sent to Sent back to the suppliers.
12	E-waste	18 of Sch-I	500 Kgs/annum	Shall be sent to authorized E-waste recycling units.
13	Plastic waste packaging material	--	50 MT/annum	Shall be sent to authorized recycling facilities.
14	Expired Chemicals	28.5 of Sch-I	1000 kgs/annum	Shall be sent to authorized vendors/AFRF facilities for pre-processing/cement units for co-processing.
15	Metal wood scrap	--	30 MT/annum	Shall be disposed to scrap vendors.

This order is subject to the provisions 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 consent is valid for manufacture the following products along with quantities only

S. No.	Product	Total Capacity
1	Broccoli	50.0 Kgs/day
2	Cabbage	500.0 Kgs/day
3	Cauliflower	500.0 Kgs/day
4	Radish	2500.0 Kgs/day
5	Bitter Gourd	500.0 Kgs/day
6	Bottle gourd	500.0 Kgs/day
7	Cucumber	500.0 Kgs/day
8	Melon	500.0 Kgs/day

9	Sponge gourd	5.0 Kgs/day
10	Squash	6.67 Kgs/day
11	Watermelon	50.0 Kgs/day
12	Bean, Garden	5000.0 Kgs/day
13	Sweet corn	2500.0 Kgs/day
14	Onion	5000.0 Kgs/day
15	Eggplant (Brinjal)	250.0 Kgs/day
16	Hot pepper (Chilli)	500.0 Kgs/day
17	Sweet pepper(capsicum)	2500.0 Kgs/day
18	Tomato	500.0 Kgs/day
19	Carrot	2500.0 Kgs/day
20	Pea	5000.0 Kgs/day
21	Lettuce	100.0 Kgs/day
22	Other Vegetable and Fruit Seeds	100.0 Kgs/day
23	Okra	100.0 Kgs/day
	TOTAL	29,661.67 Kgs/day

This combined order of Consent & Hazardous Waste Authorization shall be valid for a period ending with the **31.05.2034**. *The industry shall pay the consent fees annually from the financial year 2029-30 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.

Encl: Schedules A, B & C

To
M/s. Bayer Science and Innovation Pvt. Ltd.,
(Formerly M/s. Monsanto Holdings Pvt. Ltd.),
Sy.No. 678, 679, Lalgadi Malakpet (V),
Shameerpet (M), Medchal- Malkajgiri District
Email: deepak.kharche@bayer.com

JOINT CHIEF ENVIRONMENTAL ENGINEER



Copy 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 District for information and necessary action. **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 CFO & HWA order issued to M/s. Monsanto Holdings Pvt. Ltd., Sy.No. 678,679, Lalgadi Malakpet (V), Shameerpet (M), Medchal- Malkajgiri District vide CFO Order No. 949-RR-II/TSPCB/ZOH/TS-iPASS/CFO/2021-136, dt: 11.06.2021, valid upto 31.05.2024 stands cancelled.
2. The industry has paid consent fee upto 31.05.2029. The industry shall pay the consent fees annually from the financial year 2029-30 to till the validity of the consent order i.e., upto 31.05.2034.
3. 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.
4. 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.
5. The industry shall take steps to reduce water consumption to the extent possible and consumption shall NOT exceed the quantities mentioned below:

S. No.	Purpose	Total quantity
1.	Process & Washings	16.1 KLD
2.	Gardening / Irrigation	16.0 KLD
3.	Domestic	11.9 KLD
	Total	44.00 KLD

6. 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 µg/m ³ ;
1	Particulate Matter(PM ₁₀)	100
2	Particulate Matter (PM _{2.5})	60
3	SO ₂	80

4	NOx	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).

7. As committed by the industry, the industry shall not generate wastewater from seed sanitation more than 16.1 KLD and shall regularly lift the wastewater to M/s. JETL, Jeedimetla for further treatment and disposal.
8. The industry shall regularly operate Sewage Treatment Plant (STP) along with disinfection facility for treatment of domestic effluents. After treatment & disinfection, the treatment domestic effluents shall be utilized onland for gardening within the premises duly meeting the Board prescribed standards.
9. The industry shall have minimum of 7 days storage capacity of effluents on above ground level, with-in the premises.
10. The industry shall collect Hazardous waste generated i.e., Oil contaminated filters, Discarded containers, RO Membranes, Used PPEs, Rotary Drying and Coating waste (RDC) etc., properly and shall regularly lift the Hazardous waste to TSDF, Dundigal.
11. The industry shall install online display Board of Environmental data outside the factory gate.
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 take measures to control the fugitive emissions from the sieving, shelling, packing operations.
15. The industry shall not dispose the solid waste outside the factory premises.
16. 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.
17. 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) Effluents generated, pretreated and disposed to M/s.JETL.
 - c) Log Books for pollution control systems.
 - d) Daily solid waste generated and disposed.
18. The industry shall maintain good housekeeping with-in the premises.
19. The industry shall submit Environmental Statement in Form V before 30th September every year as per Rule No.14 of Environmental (Protection) Act, 1986.
20. The industry shall take necessary measures to control fugitive emissions.
21. The industry shall take all precautionary and safety measures during process operations.
22. The industry shall comply with the ambient air quality standards in respect of noise, as stipulated in the Environment (Protection) Rules, 1986.
23. The proponent shall comply with all the directions issued by the Board from time to time.
24. This Order is issued to the industry without prejudice to the action taken by the Task Force of the Board.
25. 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))

(Conditions of Authorization for occupier or operator handling hazardous wastes)

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 90 days as per the Hazardous & other wastes (Management and Transboundary Movement) Rules, 2016.

3. The industry shall not sell the used empty drums / barrels / liners / bags / Bottle etc. to outside parties & vendors for reuse, instead they shall discard the same to avoid reuse, which is resorting in illegal dumping of Hazardous Waste and shall dispose the same directly to authorized recyclers only.
4. The industry shall ensure for proper labelling of Hazardous Waste / other waste containers with particulars of industry & type of Waste along with characteristics, while storage & transporting the waste to Recyclers / TSDF / Cement Industries.
5. The industry shall store Used / Waste Oil and Used Lead Acid Batteries in a secured way in their premises till its disposal.
6. The industry shall not dispose Waste oils to the traders and the same shall be disposed to the authorized Reprocessors / Recyclers.
7. The industry shall dispose Used Lead Acid Batteries to the manufacturers / dealers on buyback basis.
8. The industry shall take necessary practical steps for prevention of oil spillages and carry over of oil from the premises.
9. The industry shall maintain 6 copy manifest system for transportation of waste generated and a copy shall be submitted to Board Office and concerned Regional Office.
10. The industry shall maintain good housekeeping & maintain proper records for Hazardous Wastes stated in Authorisation.
11. The industry shall maintain proper records for Hazardous Wastes stated in Authorisation in FORM-3 and file annual returns in Form- 4 Rules 6(5), 13(8), 16(6) and 20(2) as per of the Hazardous & other wastes (Management, Transboundary Movement) Rules, 2016.
12. 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.
13. The industry shall dispose the e-waste to authorized recyclers / re-processors only.

6/5/2024
JOINT CHIEF ENVIRONMENTAL ENGINEER

RAB



To
M/s. Bayer Science and Innovation Pvt. Ltd.,
(Formerly M/s. Monsanto Holdings Pvt. Ltd.),
Sy.No. 678, 679, Lalgadi Malakpet (V),
Shameerpet (M), Medchal- Malkajgiri District.