Date: 30.04.2026

To
The Environmental Engineer
Telangana Pollution Control Board
Sanath Nagar, Hyderabad

Subject: Submission of Environmental Statement – Form V (See Rule 14) for the Financial Year ending 31st March 2026

Respected Sir/Madam,

We, Maridi Bio Industries Pvt. Ltd., located at Sy. No. 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak District, Telangana, hereby submit the **Environmental Statement – Form V** (as per Rule 14 of the Environmental (Protection) Rules, 1986) for the financial year ending 31st March 2026.

Please find enclosed the duly filled Environmental Statement (Form V) for your kind perusal and necessary action.

We request you to kindly acknowledge the receipt of the same. In case any further information or clarification is required, we shall be pleased to provide the same.

Enclosure: Environmental Statement – Form V (FY 2025–26) / Monitoring Test Reports

Thanking you,

Yours faithfully,

For Maridi Bio Industries Pvt. Ltd.

STEEPHEN ANTONY FERNANDEZ
Deputy Manager
Hyderabad

T.S. POLLUTION CONTROL BOARD
30 APR 2026
Paryavaran Bhavan, A-3, Sanathnagar, Hyd.

Maridi Bio Industries Private Limited

Registered Office:
6-3-1089/G/10 & 11, First Floor, OPP : Yes Bank,
Raj Bhavan Road, Somajiguda,
Hyderabad - 500 082. Telangana

CIN No. : U90001TG2011PTC072453

Site Address:
Sy. No. 63/1, Kagaz Maddur Village,
Narsapur Mandal,
Medak District - 502313. Telangana

ISO 9001:2015, ISO 14001:2015 & ISO 45001:2018

Tel : 040-48550468
Mobile : 8885567925
E : info@maridibio.com

ANNEXURE

ENVIRONMENTAL STATEMENT FORM-V
(See rule 14)

Environmental Statement for the financial year ending with 31st March,2026

PART-A

1). Name and address of the owner/ Occupier of the industry	Maridi Bio Industries Pvt. Ltd, Survey No. 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak Dist. – 502 313, Telangana		
Operation or Process.			
11). Industry category Primary-(STC Code) *Secondary- (STC Code)*	*TSPCB : Red Category, Small Scale* *Sector No – 14. The facility as Red but special category project as this is part of pollution control facility.*		
NATIONAL INDUSTRY CLASSIFICATION CODE(S)	***NIC 2 Digit***	***NIC 4 Digit***	***NIC 5 Digit***
	38 - Waste collection, treatment and disposal activities; materials recovery	*3822 - Treatment and disposal of hazardous waste*	*38221 - Treatment and disposal of toxic live or dead animals and other, contaminated waste, disposal of used goods; incineration of hazardous waste*
111). Production Category – Unit	*Common Bio Medical Waste Disposal Facility*		
Consent Capacity	***Actual Disposal in Kg***		
Incinerator - 200 kg /hr	*692976*		
Autoclave - 420 Liters and 60 Liters stand-by	*621514*		
Shredder-40 kg /hr			
Total	***1314490***		
IV). Year of establishment	***03/05/2010***		

PART –B

Water and Raw Material Consumption:

1). Water consumption in m^3/d	***Max. daily Discharge***	***Point of Disposal***
Processing from scrubber and washing	*1 KLD*	*Recycle within the Process*
Floor Washing, Autoclave & Domestic	*2.7 KLD*	*Onland for plantation in the facility premises after treatment in ETP*
Total	*3.7 KLD*	

Name of Products	Process water consumption per unit of products	
	During the previous financial year 2024 - 25	During the current financial Year 2025 -26
Processing from scrubber and washing	1 KLD	1 KLD
Floor Washing, Autoclave & Domestic	.2 KLD	.2.7 KLD
Total	.3 KLD	.3.7 KLD

i. Raw material consumption

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the current financial year- 2024-25	During the current financial year- 2025-26
Bio Medical waste	By Products - Incinerable Ash & ETP Sludge	92.08 Tons of ash and 38.37 Tons sludge generated and disposed during the treatment of 767360 kg of Bio Medical waste..	83 Tons of ash and 33 Tons sludge generated and disposed during the treatment of 692976 kg of Bio Medical waste.

** Industry may use codes if disclosing details of raw material would violate contractual obligations, otherwise all industries have to name the raw materials used.*

PART-C

Pollution discharged to environment/unit of output
(Parameter as specified in the consent issued)

Pollutants	Quantity of Pollutants discharged (mass/day)	Concentration of Pollutants discharged Limits	Percentage of variation from prescribed standards with reasons.
(a) Water	We are not discharging any pollutants. We have zero Liquid Discharge facility in place. (Analysis Reports Enclosed)		
(b) Air	We are not disposing any fugitive gases; We have dedicated scrubbing system in our Incinerator. (Air Monitoring reports are enclosed).		
Effluent Out Let			
PH	7.56	6.50 – 9.00	
Total Suspended Solids (at 105^{0}C)	18	200	
Total Dissolves Solids (TDS)	2089	2100	
Oil and Grease	<1.0	10	
Chemical Oxygen Demand (COD)	149	250	
Biochemical Oxygen Demand (BOD)	48.3	30	

Incinerator Emmissions - Air

Parameters	Results	Limiting concentration in mg/Nm3	
Particulate Matter	30.8	50	
Nitrogen Oxides NOx	223	400	
HCl	30.6	50	
CO & CO2	76.2 / 16.5	100	
Hg & Compounds	0.024	0.05	
Total Dioxins and furans	0.01	0.1ng TEQ/Nm3	

Ambient Noise level

Test Required	Results	Limits	
Day Time (6 AM to 10 PM)	68.8	75dB (A)	
Night time (10PM to 6AM)	64.3	70 dB(A)	

PART-D

HAZARDOUS WASTES

(as specified under Hazardous Wastes (Management & Handling Rules, 1989).

Hazardous Wastes	Total Quantity (Kg)	
	During the previous financial year, 2024 -25	During the current financial year- 2025-26
1. Incinerable Ash 2. ETP Sludge	92.08 Tons of ash and 38.37 Tons sludge generated and disposed during the treatment of 767360 kg of Bio Medical waste.	83 Tons of ash and 33 Tons sludge generated and disposed during the treatment of 692976 kg of Bio Medical waste.

PART – E

SOLID WASTES:

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year 24-25	During the current financial year 25-26
a. From process	As a biomedical waste disposal facility, our company does not generate solid waste directly from the process itself. However, we handle and dispose of various categories of biomedical waste as per regulatory guidelines.	As a biomedical waste disposal facility, our company does not generate solid waste directly from the process itself. However, we handle and dispose of various categories of biomedical waste as per regulatory guidelines.
b. From Pollution Control Facility	Yellow (Incinerable) 767360 Red (Autoclave) 365920 PPC (Sharps) 20460 Blue (Glass) 99100	Yellow (Incinerable) 692976 Red (Autoclave) 493798 PPC (Sharps) 15682 Blue (Glass) 112034
c. Quantity recycled or re- utilized within the unit.	The facility has disposed about 1274.02 Kg /day (465.02 Tons Annually) of plastic waste, glassware and Metallic body Implants sold to M/s Bharat Enterprises during the period.	The facility has disposed about 1659.81 Kg /day (605.83 Tons Annually) of plastic waste, glassware and Metallic body Implants sold to M/s Bharat Enterprises during the period.

PART – F

Please specify the characteristics (in terms of concentration and quantum) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

Category	Type of Waste	Treatment and Disposal Options
Yellow	**(a) Human Anatomical Waste** **(b) Animal Anatomical Waste** **(c) Soiled Waste** **(d) Expired or Discarded Medicines** **(e) Chemical Waste** **(f) Chemical Liquid Waste:** **(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.** **(h) Pre-treated Microbiology, Biotechnology and other clinical laboratory**	**Incineration or Plasma Pyrolysis or deep burial or *as suggested under the Rules.***
Red	**Contaminated Waste (Recyclable)** **(a) Wastes generated from disposable items such as tubings, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles).**	**Autoclaving or micro-waving/ hydroclaving followed by shredding or mutilation or combination of sterilization and shredding. Treated waste to be sent to registered or authorized recyclers or for energy recovery or plastics to diesel or fuel oil or for road making, whichever is possible.** **Plastic waste should not be sent to landfill sites.**

White (PPC)	**Waste sharps including Metals Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps**	**Autoclaving or Dry Heat Sterilization followed by shredding or mutilation or encapsulation in metal container or cement concrete; combination of shredding cum autoclaving; and sent for final disposal to iron foundries (having consent to operate from the SPCB/PCC) or sanitary landfill or designated concrete waste sharp pit.**
Blue	**Glass Ware (Broken or discarded and contaminated glass including medicine vials and ampules except those contaminated with cytotoxic drugs) and Metallic Body Implants**	**Disinfection (by soaking the washed glass waste after cleaning with detergent and Sodium Hypochlorite treatment) or through autoclaving or microwaving or hydroclaving and then sent for recycling**

PART-G

Impact of the pollution control measures taken on conservation of natural resources and consequently on the cost of production.

1. **Reduction in Air and Water Pollution**
   - The installation of **advanced air pollution control devices (APCDs)** has significantly reduced emissions, leading to cleaner air quality in surrounding areas.
   - Enhanced **Effluent Treatment Plant (ETP) operations** ensure minimal discharge of pollutants, conserving local water bodies and reducing contamination risks.
2. **Optimized Resource Utilization**
   - Implementation of **barcoding and digital waste tracking** has reduced operational inefficiencies, minimizing redundant waste handling and improving overall efficiency.
   - Adoption of **segregation and recycling initiatives** ensures maximum recovery of reusable materials, reducing dependency on virgin resources.
3. **Energy and Fuel Savings**
   - Use of **solar panels** and energy-efficient equipment has reduced electricity

consumption, leading to **lower energy costs** and reduced reliance on non-renewable power sources.
    - Optimization of **waste transportation routes using GPS tracking** has reduced fuel consumption, minimizing carbon emissions and operational costs.
4. **Cost Efficiency in Waste Management**
    - The implementation of **real-time emission monitoring** and preventive maintenance of pollution control equipment has **reduced breakdowns and repair costs**.
5. **Long-term Sustainability Benefits**
    - Expansion of **green belt development** has improved air quality while also acting as a noise and dust barrier, creating a healthier work environment.
    - Compliance with strict environmental norms has minimized **regulatory penalties and legal risks**, ensuring smooth business operations.

Overall Cost Impact

- While there is an **initial capital investment** in pollution control measures, the long-term benefits include **lower operational costs, improved efficiency, and enhanced brand reputation** due to sustainable practices.
- These measures contribute to **sustainable business growth** by ensuring regulatory compliance, resource conservation, and cost-effective waste management solutions.

PART – H

Additional measures/investment proposal for environmental protection including abatement of pollution.

- Upgradation **of Air Pollution Control Systems**
    - Existing scrubber and bag filter systems have been **upgraded/maintained** to improve particulate and gaseous emission control.
    - Continuous emission monitoring system (CEMS) is operational and integrated with TGPCB.

- Effluent **Treatment Improvements**
    - Effluent Treatment Plant (ETP) is being **regularly maintained and optimized** for better performance.
    - Treated water is **partially reused within the facility**, reducing freshwater consumption.

- Biomedical **Waste Segregation & Handling**
    - Strengthened segregation practices through regular monitoring and training of healthcare units.
    - Provision of **secured storage areas with impermeable flooring** to prevent contamination.

- Energy **Efficiency Measures**
  - Adoption of **energy-efficient equipment** to reduce overall power consumption.
  - Initiatives taken to optimize fuel usage in incinerator operations.
- Waste **Transportation & Tracking**
  - Deployment of **GPS-enabled vehicles** for efficient tracking and safe transportation of biomedical waste.
  - Route optimization implemented to reduce fuel consumption and emissions.
- Barcoding **& Digital Monitoring**
  - Barcoding system implemented for effective tracking and accountability of biomedical waste.
  - Digital records maintained for better data management and compliance.
- Environmental **Monitoring & Compliance**
  - Regular monitoring of emissions, effluent, and ambient air quality is being carried out.
  - Periodic environmental audits conducted to ensure compliance with regulatory standards.

PART –I

MISCELLANEOUS:

Any other particulars inrespect of environmental protection and abatement of pollution.

1. **ISO Certification Status**
   - ISO 9001:2015, ISO 14001:2015, and ISO 45001:2018 are **under advanced stage of certification / expected to be completed shortly** *(update exact status if completed).*
2. **Zero Liquid Discharge (ZLD) System**
   - ZLD system is **operational and maintained effectively**, ensuring no discharge of untreated effluent outside the premises.
   - Maximum reuse of treated water is being practiced within plant operations.
3. **Safety & Environmental Awareness Programs**
   - Safety Week was observed with employee participation, including training on **workplace safety and hazard identification**.
   - World Environment Day celebrated with **plantation activities and awareness programs** within the facility.

4. **Training & Capacity Building**
    - Regular training programs conducted for employees and healthcare units on:
        - Fire Safety
        - Biomedical Waste Management (segregation, collection, storage, disposal)
        - Spill Management & First Aid
        - Hazardous Chemical Handling
        - Water Conservation & Effluent Reduction
    - Training programs have contributed to **improved compliance and operational safety**.

I hereby declare that the above statements or information are true and correct to the best of my knowledge and belief.

Place: Hyderabad

Date: 30. 04.2026

STEEPHEN ANTONY FERNANDEZ

Deputy Manager

Vimta Labs Limited
Registered Office
142, IDA Phase II, Cherlapally
Hyderabad-500 051, Telangana, India
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Vimta
Driven by Quality. Inspired by Science.

ISSUED TO:

M/S. MARIDI BIO INDUSTRIES PRIVATE LIMITED.,
Maridi Bio-Kagaz Maddur,
Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/001
Issued Date	:	2026.04.01
P.O. Number	:	0400137022
P.O. Date	:	16.03.2026

Sample Particulars : **AMBIENT NOISE MONITORING**

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Test Required	:	Day, Night, & Average			
Sample Collected by Vimta Labs Ltd					

TEST REPORT

Parameters	UoM	Day	Night	Average
Near Main Gate	db(A)	68.8	64.3	66.5

Name and Designation of Authorized Signatory

Dr. Subba Reddy Mallampati
Manager-Environment

Vimta Labs Limited
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Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/002
Issued Date	:	2026.04.01
P.O. Number	:	0400137022
P.O. Date	:	16.03.2026

Sample Particulars : Ambient Air Quality Monitoring Near Main Gate

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	PM_{10}, $PM_{2.5}$, SO_2 and Nox			

Sample Collected by Vimta Labs Ltd

TEST REPORT

Parameters	UoM	Method	NAAQ Standards	Results
Particulate Matter (PM_{10})	µg/m³	IS:5182 (P:23) 1999	100	78.4
Particulate Matter ($PM_{2.5}$)	µg/m³	IS:5182 (P:24) 2019	60	40.7
Sulphur dioxide as SO_2	µg/m³	IS:5182(P:2) 2001	80	21.8
Nitrogen dioxide as NO_2	µg/m³	IS:5182(P:6) 1975	80	24.5

> PM10, PM2.5, SO_2 and NO_2 is monitored 24 hrs. basis.

Name and Designation of Authorized Signatory

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Maridi Bio-Kagaz Maddur,
Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal,
Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/003
Issued Date	:	2026.04.01
P.O. No	:	0400137022
P.O. Date	:	16.03.2026

Sample Particulars : Stack Connected to Incinerator.

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	Velocity, Flow rate, O_2, CO2, CO, NOX, SO_2 and PM.			
Incinerator Capacity	:	250 Kg/Hr			
Sample collected by Vimta Labs Ltd.					

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	ELV*
1	Total Height of Stack	m	--	20	--
2	Flue gas temperature	^0C	-	121	--
3	Dia of the Stack	m	--	1.0	--
4	Velocity of Flue Gas,	m/sec	USEPA Method 2	9.95	--
5	Volumetric Flow Rate	Nm^3/Hr		20382	--
6	Oxygen as O_2	%	by Combustion Analyser	16.5	--
7	Carbon Dioxide as CO_2	%		8.4	--
8	Carbon Monoxide as CO	mg/Nm^3		76.2	**<100.0**
9	Oxides as Nitrogen as NOx as NO_2	mg/Nm^3	USEPA Method -07	223	**<400.0**
10	Sulphur dioxide as SO_2	mg/Nm^3	USEPA Method -06	42	**<200**
11	Hydrogen Chloride as HCl	mg/Nm^3	USEPA Method -26	30.6	**<50.0**
12	Hydrogen Fluoride as HF	mg/Nm^3	USEPA method -13	0.85	**<4.0**
13	Particulate Matter as PM	mg/Nm^3	USEPA Method 5	30.8	**50.0**
14	Combustion Efficiency of Principle organic BMW	%	Calculation	99.0	**>99.0**

*Emission Limit Values as per Schedule II of the Bio-medical Waste Management Rules, 2016
All the Values are represented at 11 % O_2.

Name &Designation of the Authorized Signatory

Dr. Subba Reddy Mallampati
Manager-Environment.

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Sy.No: 63/1, Kagaz Maddur Village, Narsapur
Mandal, Medak District, Telangana.

Report Number : VLL/VLS/25/28005/003
Issued Date : 2026.04.01
P. Order Ref : 0400137022
P.O. Date : 16.03.2026

Sample Particulars	:	**Stack Connected to Incinerator.**			
Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	Mercury as Hg; Cd + Tl its compounds+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds			

Sample collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	ELV*
1	Mercury as Hg + their Compound	mg/Nm³	USEPA method -29	0.024	**<0.05**
2	Cadmium + Thallium (Cd + Tl) + their Compound			<0.001	**<0.05**
3	Chromium as Cr + their Compound			0.027	--
4	Manganese as Mn + their Compound			0.023	
5	Arsenic as As + their Compound			0.020	
6	Antimony as Sb + their Compound			0.018	
7	Lead as Pb + their Compound			0.014	
8	Cobalt as Co + their Compound			0.021	
9	Copper as Cu + their Compound			0.017	
10	Nickel as Ni + their Compound			0.013	
11	Vanadium as V + their Compound			0.016	
12	Total Metals: Sb+ As+ Pb+ Co+ Cr+ Cu+ Mn+ Ni+ V+ Their compounds			**0.169**	**<0.5**

All the values are represented at 11% O_2.

Name &Designation of the Authorized Signatory

Dr. Subba Reddy Mallampati
Manager-Environment.

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Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal,
Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/004
Issued Date	:	2026.04.01
P.O. Number	:	0400137022
P.O. Date	:	16.03.2026

Sample Particulars : **Diesel Generator Emission Monitoring**
DG Set ID : **DG Set-1**

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01

Sample Collected by Vimta Labs Ltd.

TEST REPORT

Sr. No.	Parameters	UoM	Method of Testing	Results	*Limits
Physical Parameters					
1	DG Set Capacity	KVA	-	62.5	--
2	Stack diameter	m	-	0.235	--
3	Area of the Stack	m^2	-	0.043	--
4	Flue gas Temperature	^0C	USEPA M-2	79	--
5	Velocity of the Flue gas	m/Sec		8.3	--
6	Volumetric Flow rate	Nm^3/hr		1089	--
Chemical Parameters					
7	Sulphur Dioxide as SO_2	mg/Nm^3	By Combustion Analyzer	24.0	--
8	Carbon Monoxide as CO@ 15% O_2	mg/Nm^3		86	≤ 150
9	Oxides of Nitrogen NO_x as NO_2 @ 15% O_2	ppmv		185	≤ 710
10	Hydro Carbons as NMHC @ 15% O_2	mg/ Nm^3		10.9	≤ 100
11	Particulate Matter as PM @15% O_2	mg/ Nm^3	USEPA M-5	24.58	≤ 115

*Limits as per MOEF Notification GSR 489(E) for DG-Sets of a Capacity ≥ 800 KW

Name and Designation of Authorized Signatory

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Manager-Environment

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ISSUED TO:

M/S. Maridi Bio Industries Private Limited.,
Maridi Bio-Kagaz Maddur,
Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal, Medak District, Telangana.

Report Number : VLL/VLS/25/28005/BW/001
Issued Date : 2026.04.01
Your Ref : 0400137022
And Date : 16.03.2026

SAMPLE PARTICULARS	:	Bore Well-Water Sample			
Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	As per IS 10500: 2012			
Method of Testing	:	As per APHA 24th Edition and IS 3025.			
Sample Collected by Vimta Labs Ltd					

TEST REPORT

Sr. No	Parameters	Unit	IS: 10500 Limits-2012	Results
1	pH	-	6.5 – 8.5(NR)	7.56
2	Colour	Hazen	5(15)	3
3	Taste	-	Agreeable	Agreeable
4	Odour	-	Agreeable	Agreeable
5	Conductivity	µS/cm	$	1106
6	Turbidity	NTU	1(5)	1.8
7	Total Dissolved Solids	mg/l	500(2000)	767
8	Total Hardness as $CaCO_3$	mg/l	200(600)	434
9	Total Alkalinity as $CaCO_3$	mg/l	200(600)	277
10	Calcium as Ca	mg/l	75(200)	85.6
11	Magnesium as Mg	mg/l	30(100)	46.8
12	Residual Chlorine	mg/l	0.2(1.0)	<0.1
13	Boron as B	mg/l	0.5(1.0)	0.07
14	Chlorides as Cl	mg/l	250(1000)	186.5
15	Sulphates as SO_4	mg/l	200(400)	34.6
16	Fluorides as F	mg/l	1.0(1.5)	0.78
17	Nitrates as NO_3	mg/l	45(NR)	31.7
18	Sodium as Na	mg/l	$	74.5
19	Potassium as K	mg/l	$	1.9
20	Phenolic Compounds as C_6H_5OH	mg/l	0.001(0.002)	<0.001
21	Cyanides as CN	mg/l	0.05 (NR)	<0.02
22	Anionic Detergents	mg/l	0.2 (1.0)	<0.2
23	Mineral Oil	mg/l	0.5(NR)	<0.01
24	Cadmium as Cd	mg/l	0.003 (NR)	<0.003
25	Arsenic as As	mg/l	0.01(0.05)	<0.01
26	Copper as Cu	mg/l	0.05 (1.5)	<0.01
27	Lead as Pb	mg/l	0.01 (NR)	<0.01
28	Manganese as Mn	mg/l	0.1 (0.3)	0.03
29	Iron as Fe	mg/l	0.3(NR)	0.08
30	Total Chromium as Cr	mg/l	0.05(NR)	<0.01
31	Selenium as Se	mg/l	0.01(NR)	<0.01
32	Zinc as Zn	mg/l	5(15)	0.07
33	Aluminum as Al	mg/l	0.03(0.2)	0.04
34	Mercury as Hg	mg/l	0.001(NR)	<0.001
35	Pesticides	mg/l	Absent	Absent
36	E.Coli	-	Absent	Absent
37	Total Coliform	MPN/100	Absent	Absent

Note specified; UO: Unobjectionable: ($) indicates no limits have been
Remarks:Results related only to the sample tested.
Instrument used: ICP-MS, GC-MS/MS & GC-MS with Purge and Trap; BDL: Below Detection limit;
The submitted sample compiles to the requirement of IS 10500:2012 with respect to the tested parameters.

- END OF THE REPORT -

Name and Designation of Authorized Signatory

Dr. Subba Reddy Mallampati
Manager-Environment.

Vimta Labs Limited
Registered Office
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Vimta
Driven by Quality. Inspired by Science.

ISSUED TO:

M/S. Maridi Bio Industries Private Limited.,
Maridi Bio-Kagaz Maddur,
Sy.No: 63/1, Kagaz Maddur Village, Narsapur Mandal,
Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/ETP/001
Issued Date	:	2026.04.01
P.O. No	:	0400137022
P.O. Date	:	16.03.2026

SAMPLE PARTICULARS : ETP OUTLET WATER

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	pH, TDS, TSS, COD, BOD and oil & Grease			
Sample Quantity	:	5 Litres x 1 No.			

SampleCollected by Vimta Labs Ltd.

TEST REPORT

S. No.	Test Parameters	Method of Testing	UoM	Results
1	pH at 25°C	APHA 23rd ed 4500 H	–	7.01
2	Total Dissolved Solids at 180°C	APHA 23rd ed 2540 C	mg/l	2089
3	Total Suspended solids 105°C	APHA 23rd ed 2540 D	mg/l	18
4	Oil & Grease	APHA 23rd ed 5520 C	mg/l	<1.0
5	Biological Oxygen demand @ 27°C for 3days	IS 3025 Part-44	mg/l	48.3
6	Chemical Oxygen Demand at 150°C	APHA 23rd ed 5220 B	mg/l	149

Name and Designation of Authorized Signatory

Dr. Subba Reddy Mallampati
Manager - Environment

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Medak District, Telangana.

Report Number	:	VLL/VLS/25/28005/ETP/002
Issued Date	:	2026.04.01
P.O. No	:	0400137022
P.O. Date	:	16.03.2026

SAMPLE PARTICULARS : **ETP OUTLET WATER**

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	Bio Assay			
Sample Quantity	:	5 Litters x 1 No.			

Sample Collected by Vimta Labs Ltd.

TEST REPORT

%Conc [v/v]	No of Fish	Mortality Record				Symptoms of Toxicity
		Time in hours				
		24	48	72	96	
Control	10	0	0	0	0	No symptoms of Toxicity were observed
Test (100 %)	10	0	0	0	0	No symptoms of Toxicity were observed

Method of Testing: As per IS: 6582-1971 (Reapproved 1992) Fish species: *Puntius sophore* (Fresh water minor caro) size: 2.5 to 3.0 cm Quality of sample pH: 7.61 and DO: 4.7 mg/L

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Report Number	:	VLL/VLS/25/28005/ETP/003
Issued Date	:	2026.04.01
P.O. No	:	0400137022
P.O. Date	:	16.03.2026

SAMPLE PARTICULARS	:	ETP INLET WATER			
Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	pH, TDS, TSS, COD, BOD and oil & Grease			
Sample Quantity	:	5 Litres x 1 No.			
Sample Collected by Vimta Labs Ltd.					

TEST REPORT

S. No.	Test Parameters	Method of Testing	UoM	Results
1	pH at 25°C	APHA 23rd ed 4500 H	–	7.76
2	Total Dissolved Solids at 180°C	APHA 23rd ed 2540 C	mg/l	2799
3	Total Suspended solids 105°C	APHA 23rd ed 2540 D	mg/l	80
4	Oil & Grease	APHA 23rd ed 5520 C	mg/l	2.8
5	Biological Oxygen demand @ 27°C for 3days	IS 3025 Part-44	mg/l	276
6	Chemical Oxygen Demand at 150°C	APHA 23rd ed 5220 B	mg/l	935

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Report Number : VLL/VLS/25/28005/005
Issued Date : 2026.04.01
P.O. No : 0400137022
P.O. Date : 16.03.2026

Sample Name : Ash Sample

Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Method of Testing	:	As per USPA Edition1311, IS 3025. Instrument Used: ICP-OES (Perkin-Elmer)			
Test Required	:	Arsenic,Barium,Cadmium,Lead,Manganese,Mercury,Selenium,Silver,Beryllium,Cobalt,Copper,Molybdenum			
Samples Coded	:	**Ash Sample**			

Samples Collected by Vimta Labs Limited.

TEST REPORT

Sr. No.	PARAMETER	UOM	Result
1	Arsenic	mg/L	<0.01
2	Barium	mg/L	2.6
3	Cadmium	mg/L	<0.01
4	Lead	mg/L	<0.1
5	Manganese	mg/L	1.9
6	Mercury	mg/L	<0.001
7	Selenium	mg/L	<0.01
8	Silver	mg/L	0.29
9	Beryllium	mg/L	<0.01
10	Cobalt	mg/L	0.68
11	Copper	mg/L	0.39
12	Molybdenum	mg/L	1.78

Remarks: Results relate only to the sample tested.

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District, Telangana.

Report Number : VLL/VLS/25/28005/005
Issue Date : 2026.04.01
P.O. No. : 0400137022
P.O. Date : 16.03.2026

SAMPLE PARTICULARS	:	Ash Sample			
Sampling Date	:	2026.03.18	Sample Registration Date	:	2026.03.23
Analysis Starting Date	:	2026.03.24	Analysis Completion Date	:	2026.04.01
Test Required	:	Loss on Ignition, Total Organic Carbon			
Method of Testing	:	ASTM D7348 and SOP No. 26/22			
Sample collected by	:	Vimta Labs Ltd.,			

TEST REPORT

S. No.	Test Parameters	UoM	Results
1	Total Organic Carbon	%	1.45
2	Loss on Ignition	%	2.0

Remarks: Results relate only to the sample tested.

--END OF THE TEST REPORT –

MARIDI BIO INDUSTRIES PVT. LTD. HYDERABAD

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SY.NO. 63/1, KAGAZ MADDUR VILLAGE,
NARSAPUR MANDAL, MEDAK- Dist:502313
TELANGANA, INDIA.

Report Number : VLL/VLS/25/03453/01
Issued Date : 2025.06.05
P.O. Number : 0400125262
P.O. Date : 13.05.2025

SAMPLE PARTICULARS : Stack Connected to Bio Medical Waste Incineration

Sample Registration Date	: 2025.05.16	Sampling Date	: 2025.05.15
Analysis Starting Date	: 2025.05.17	Analysis Completion Date	: 2025.06.05
Test Required	: PCDD&PCDF		
Capacity of BMW Incinerator	: 200 Kg/Hr		
Fuel Used	: Diesel		

Sample collected by Vimta Labs ltd.

TEST REPORT

Sr.No.	PARAMETERS	UoM	RESULTS	
PHYSICAL PARAMETERS OF STACK				
1	Diameter of Stack	m	1.0	
2	Temperature	°C	124	
3	Average Velocity	m/sec	8.40	
4	Volumetric flow rate	Nm^3/Hr	17174	
Congeners of Dioxin & Furans		**Concentration**		
		Concentration (ng)	**TEF**	**TEQ (ng)**
1	1234678-HpCDD	0.8653	**0.01**	0.0087
2	1234678-HpCDF	0.7632	**0.01**	0.0076
3	1234789-HpCDF	0.7698	**0.01**	0.0077
4	123478-HxCDD	0.0567	**0.1**	0.0057
5	123478-HxCDF	0.0949	**0.1**	0.0095
6	123678-HxCDD	0.3571	**0.1**	0.0357
7	123678-HxCDF	0.6135	**0.1**	0.0614
8	123789-HxCDD	0.5763	**0.1**	0.0576
9	123789-HxCDF	0.0064	**0.1**	0.0006
10	12378-PeCDD	0.0042	**0.5**	0.0021
11	12378-PeCDF	0.0748	**0.05**	0.0037
12	234678-HxCDF	0.0987	**0.1**	0.0099
13	23478-PeCDF	0.0104	**0.5**	0.0052
14	2378-TCDD	0.0000	**1**	0.0000
15	23478-TCDF	0.0912	**0.1**	0.0091
16	OCDD	1.8765	**0.001**	0.0019
17	OCDF	0.5765	**0.001**	0.0006
			Total ng TEQ	0.2270
			Vstd (Nm^3)	5.50
			ng TEQ/Nm^3	0.0413
			% of O_2 in Flue Gas	12.3
			Total Furans & Dioxins (ng TEQ/Nm3 at 11 % O_2 Correction)	**0.0475**
			Limits As per Schedule II of the Bio-medical Waste Management Rules, 2016. ng TEQ/Nm3 at 11 % 02 Correction	**0.1**

Instruments used for Gaseous: Optima 7 Multi Gas Analyzer. Method of Testing: As per USEPA 23-A & 8290
Detection Limit: 0.01pg

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Manager-Environment