

Ref-UPWMP-BMW/ES/23-24/SPCB/01

Date: 28.09.2023

To,

The Member Secretary,  
Uttar Pradesh Pollution Control Board  
Vibhuti Khand, Gomati Nagar, Lucknow, U.P.

**Sub: Environmental Statement (Form-V) for the year 2022-23**

Dear Sir/Madam,

We are Operating Common Bio-Medical Waste Management Treatment Storage and Disposal Facility, Uttar Pradesh Waste Management Project (A division of Re sustainability Ltd at Plot No 672 on NH-2, Sikandra Road Vill-Kumbhi Tehsil Akbarpur, Distt. Kanpur Dehat UP.

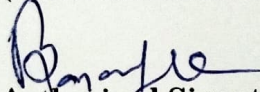
With reference to the above-cited subject please find enclosed the Environment Statement.

Thanking you,

Yours faithfully,

**For Uttar Pradesh Waste Management Project**

**(A division of Re Sustainability Ltd.)**

  
Authorized Signatory

डाक प्राप्ति रसीद  
प्राप्ति दिनांक 12-10-23  
प्राप्तकर्ता के हस्ताक्षर  
उत्प्र० प्रदूषण नियंत्रण बोर्ड, लखनऊ

Copy to below-


- 1) The Head- Waste Management Division, C-3, UPPCB, Lucknow.
- 2) The CEO, C-2, Uttar Pradesh waste management Project Lucknow.
- 3) The Regional Officer, Uttar Pradesh Pollution Control Board, Kanpur Dehat.
- 4) The Regional Director, CPCB, Lucknow.

Re Sustainability Limited  
CIN No. U74140TG1994PLC018833


Registered Office:  
Level 11B, Aurobindo Galaxy,  
Hyderabad Knowledge City, Hitech City Road,  
Hyderabad - 500081,  
Telangana

Site Address:

Uttar Pradesh Waste Management Project  
Plot No.672, On NH-19 Sikandra Road,  
Village - Kumbhi, Tehsil - Akbarpur,  
District Kanpur Dehat - 209101  
Uttar Pradesh



Certificate No. 23EQKT95, ISO 9001:2015  
Certificate No. 23EEKH88, ISO 14001:2015  
Certificate No. 23EOKQ81, ISO 45001:2018

NABL Accredited Laboratory  
(ISO/IEC 17025:2017), Certificate No. TC-11283  
  
T: +91 93357 45566  
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## ANNEXURE

### ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for the financial year ending with 31<sup>st</sup> March 2023

#### PART-A

<b>I.</b> Name and address of the owner/ occupier of the industry operation or process	<b>Uttar Pradesh Waste Management Project (A Division Re Sustainability Limited) Plot No. 672, On NH-19 Sikandra Road Vill., Kumbhi, Tehsil Akbarpur, Distt. Kanpur Dehat -209101 U P.</b>
<b>II.</b> Industry category Primary- (STC Code) Secondary- (STC Code)	<b>CBWTF-RED</b>
<b>III.</b> Production category – Units.	<b>Authorized Capacity-</b> <ol style="list-style-type: none"> <li>1. Incinerator-17028 MT Per Annum</li> <li>2. Autoclave-1250 Ltr.</li> <li>3. Shredder- 250 Kg/hr</li> <li>4. BMW-3600 MT Per Annum</li> </ol>
<b>IV.</b> Year of establishment	<b>2021</b>
<b>V.</b> Date of the last environmental statement submitted	<b>19.08.2022</b>

#### PART -B

##### **I. Water and Raw Material Consumption**

Water consumption in m <sup>3</sup> /d	<b>0.8 KLD</b>
Process	0.3 KLD
Cooling	Nil
Domestic	0.3 KLD
Gardening and Plantation	0.2KLD

Name of Products	Process water consumption per unit of products	
	During the previous financial year	During the current financial year
	<b>There is no manufacturing activity as this is a Common Bio-Medical Waste Treatment Facility</b>	

##### **II. Raw material consumption**

Name of raw materials*	Name of Products	Consumption of raw material per unit of output	
		During the	During the current

		previous financial year	financial year
NIL	Polyelectrolyte	30 Kg	38 Kg
NIL	Alum	16 Kg	36 Kg
NIL	Caustic	16 Kg	28 Kg

No, As this is not a manufacturing unit, No material consumption. Chemical use for E.T.P only

\* 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 (mass/volume)	Percentage variation of prescribed Standards from with reasons.
(a) Water			
(i) ETP	Zero Discharge System	N.A.	N.A
(ii) Domestic water	8 KLD	Consuming for gardening	
(b) Air			
(i) DG Set 62.5 KVA Stack Emission	Particulate Matter (PM) Sulfur Dioxide (SO <sub>2</sub> ) Oxides of Nitrogen (NO <sub>2</sub> )	32.7 Mg/Nm <sup>3</sup> 13.44 mg/Nm <sup>3</sup> 20.73 mg/Nm <sup>3</sup>	No variation in the air monitoring analysis report
(ii) From DG Stack 380 KVA Emissions	Particulate Matter (PM) Sulfur Dioxide (SO <sub>2</sub> ) Oxides of Nitrogen (NO <sub>2</sub> )	34.44 mg/Nm <sup>3</sup> 7.68 mg/Nm <sup>3</sup> 28.11 mg/Nm <sup>3</sup>	
(iii) INC Stack Emission	Particulate Matter (PM) Sulfur Dioxide (SO <sub>2</sub> ) Oxides of Nitrogen (NO <sub>2</sub> )	40.83 mg/Nm <sup>3</sup> 57.60 mg/Nm <sup>3</sup> 78.90 mg/Nm <sup>3</sup>	
(iv) A.A.Q.M	PM <sub>10</sub> Lead as Pb Sulfur Dioxide (SO <sub>2</sub> ) Oxides of Nitrogen (NO <sub>2</sub> )	60.25 ug/m <sup>3</sup> BDL 12.20 ug/m <sup>3</sup> 24.33 ug/m <sup>3</sup>	

**PART-D**

**HAZARDOUS WASTES**

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

Hazardous Wastes	Total Quantity (MT)	
	During the previous financial year	During the current financial year
1. From Process		
a. Incinerator Ash	5.54 MT	35.11 MT
b. ETP Sludge	0.10 MT	0.13 MT
2. From Pollution Control Facilities		
a. Bio-Medical Waste	57.634 MT	185.165 MT
b. Expire Medicines	Nil	Nil
c. Liquid Waste	Nil	

**PART - E**

**SOLID WASTES:**

Solid Wastes	Total Quantity (Kg)	
	During the previous financial year	During the current financial year
a. From process	NIL	NIL
b. From Pollution Control Facility	NIL	NIL
c. Quantity recycled or re-utilized within the unit.	8140 Kg	11688.54 Kg

## **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:-

**CBWTF has an arrangement of hazardous waste disposal inhouse and disposed of as below-**

**ETP Sludge - 0.23 MT  
Incinerator Ash- 35.11 MT**

## **PART-G**

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

**Maintained Green Belt as per Guideline.**

## **PART - H**

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

**We have planted > 20,000 plants in our site area.**

## **PART -I**

**MISCELLANEOUS:**

**Any other particulars in respect of environmental protection and abatement of pollution.**

- 1. CBWTF is maintaining a proper QR coding portal for maintaining waste records.**
- 2. Maintaining good housekeeping at the site.**
- 3. All laboratory and air/water quality tests are maintained through an Inhouse NABL Accredited laboratory, Vimta Labs testing reports, and Enviro Tech Services.**
- 4. Conducting World Environment Day Celebration by massive plantation program.**
- 5. Adopted Swachh Bharat Abhiyan in the plant.**
- 6. Implemented WASH, Safe Water, Sanitation, and Hygiene at the workplace.**
- 7. Using L.E.Ds at plant premises for energy conservation.**