



Sustainability

Ref: RE/GPD/Form-V/2024-25

Date: 10/10/2025

To,
The District Environmental Engineer,
88A, SIPCOT Industrial Complex,
Gummidipoondi,
Tiruvallur District- 601201.

Respected Sir,

Sub: RE -CHWTSDF- Submission of Environmental Statement (Form V) for the period of April – 2024 to March 2025 - Reg.,

Please find enclosed herewith enclosed Environmental statement in the prescribed Form - V duly filled for common hazardous waste treatment and disposal facility including hazardous waste incinerator for the year April 2024 to March 2025.

Kindly acknowledge the receipt of the same.

Yours Faithfully

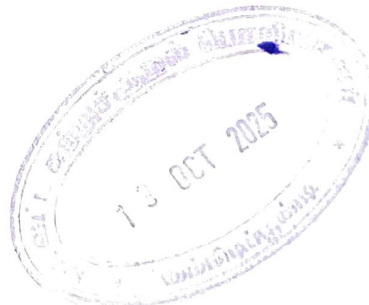
For RE Sustainability IWM Solutions Limited

Authorized Signatory



Encl: Annexure I

CC: 1. MOEF – Chennai
2. Tamil Nadu Pollution Control Board, Guindy
3. Central Pollution Control Board – New Delhi



Re Sustainability IWM Solutions Limited
(formerly known as Tamilnadu Waste Management Limited and
Ramky Industrial Waste Management Solutions Limited)
Plot No. 5-15, 28-33, SIPCOT Industrial Complex,
Gummidipoondi, Tiruvallur Dist. - 601 201.
Tamilnadu, India
CIN No. : U74140TG2002PLCO39702.
GST IN . 33AABCT7933K1Z4

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
Registered Office:
Level 11B, Aurobindo Galaxy,
Hyderabad Knowledge City,
HITEC City Road, Hyderabad-500 081. India.
CIN No. : U74140TG1994PLCO18833

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+91 96779 99673

E-mail : tnwml@resustainability.com
mbdtnwml@resustainability.com



Sustainability

Ref: RE/GPD/Form-V/2024-25

Date: 10/10/2025

To,
The Member Secretary,
M/s Tamilnadu Pollution Control Board,
No 76, Guindy,
Chennai – 600032.

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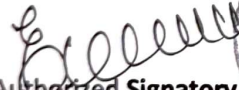
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Sustainability

Date: 10/10/2025

Ref: RE/GPD/Form-V/2024-25

To,
The Deputy Director General of Forests (C),
Ministry of Environment, Forest and Climate Change,
Sasthri Bhawan, Nungambakkam, Chennai – 34.

Respected Sir,

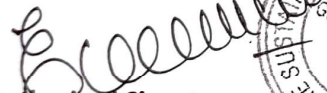
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FORM – V																			
Environmental Statement for the financial year ending with 31st March, 2025																			
PART- A																			
(i) Name & address of the owner/ occupier of the industry operation or process	Re Sustainability IWM Solutions Limited. Plot No – 1 to 33 & 124 to 150, Pappankuppam Village, Gummidipoondi Taluk, Tiruvallur District – 601201.																		
(ii) Industry Category, Primary (STC Code) Secondary (STC Code)	Common Hazardous Waste Treatment, Storage and Disposal Facility (TSDF)																		
(iii) Production Capacity -Units	Disposal Capacity of Hazardous Waste 3,00,000 T/Annum (Stabilization & Landfillable hazardous waste). Disposal of incineration waste: 12,000 T/Annum, AFRF pre-processing of waste: 50,000 T/Annum.																		
(iv) Year of Establishment	2007																		
(v) Date of the last Environmental statement submitted	20/09/2024. (for the financial year 2023-2024)																		
PART-B																			
1.	Water consumption:																		
	<table border="1"> <thead> <tr> <th>Unit</th> <th>Quantity KLD</th> </tr> </thead> <tbody> <tr> <td>Process and Container Washings</td> <td>13 KLD</td> </tr> <tr> <td>Boiler</td> <td>0 KLD</td> </tr> <tr> <td>Domestic</td> <td>20 KLD</td> </tr> <tr> <td>Gardening purposes</td> <td>30 KLD</td> </tr> <tr> <td>Others used in:</td> <td></td> </tr> <tr> <td>a) Lab</td> <td>2 KLD</td> </tr> <tr> <td>b) Scrubber for scrubbing in incinerator</td> <td>25 KLD</td> </tr> <tr> <td>Total</td> <td>90 KLD</td> </tr> </tbody> </table>	Unit	Quantity KLD	Process and Container Washings	13 KLD	Boiler	0 KLD	Domestic	20 KLD	Gardening purposes	30 KLD	Others used in:		a) Lab	2 KLD	b) Scrubber for scrubbing in incinerator	25 KLD	Total	90 KLD
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2	Raw Material Consumption	Consumption of Raw Material Per unit of output	
Name of Raw Materials	Name of Products	During the current financial year (2023 – 2024)	During the current financial year (2024 – 2025)
Cement	Used for stabilization of waste	1591 MT	1390 MT
Fly Ash	Used for stabilization	37781 MT	33670 MT
Lime	Used for stabilization	1273 MT	1591 MT
Lime	It is used as absorbing reagent in incinerator	32 MT	7 MT
Activated Carbon	Absorbing reagent in Incinerator	4 MT	3.2 MT
Caustic Lye	Scrubbing reagent in Incinerator	120 MT	87 MT
Sulphuric Acid	Used for stabilization	2 MT	3 MT
Ferrous Sulphate	Used for stabilization	1 MT	2 MT
Sodium Hypochlorite	Used for stabilization	0.41 MT	0.06 MT
Sodium Hydroxide	Used for stabilization	0 MT	0.23 MT
Sodium Sulphide	Used for stabilization	9 MT	13 MT
Nitric Acid	Used for stabilization	0.23 MT	0.17 MT
Bleaching Powder	Used for stabilization	1914 MT	1980 MT

PART — C

(Pollution Generated (Parameters as specified in the consent issued))

Pollutants	Quantity of pollution discharged (mass/day)	Concentration of pollutants in discharges (mass/volume)	Percentage of variation from prescribed standards with reasons
Air			
From Inc. Stack emissions	Enclosed as Annexure – 1		
From DG 500 KVA. Stack emissions			



PART — D			
Hazardous Wastes as specified under Hazardous Wastes (Management & Handling) Rules, 2016			
Hazardous Wastes	Total Quantity		
	During the current financial year (2023 – 2024)	During the current financial year (2024 – 2025)	
From Process			
Incinerator Ash (Schedule 1 category 37.2)	248 MT	396 MT	
Spray dryer Ash	517 MT	505 MT	
From Pollution Control Facilities			
Cyclone dust	91 MT	79 MT	
Bag filter dust	49 MT	41 MT	
PART - E			
Solid Wastes			
Total Quantity			
		During the previous financial year (2023 – 2024)	During the current financial year (2024 – 2025)
a	From process	Nil	Nil
b	From pollution control facility	Nil	Nil
c	1) Quantity recycled or re-utilized.	400 litres of used oil sent to authorized recyclers	330 litres of used oil sent to authorized recyclers
	2) Solid	Nil	Nil
	3) Disposed	Nil	Nil



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.

This is a common hazardous waste treatment, storage and disposal facility (TSDF) catering to hazardous waste disposal needs of the industry. A CHWTSDF typically houses several integrated units for the comprehensive handling of various hazardous waste streams:

Treatment: Processes like chemical neutralization, oxidation, or reduction are used to change the character of the waste, making it less harmful.

Storage: Designated areas are used to temporarily hold the waste until it's ready for treatment or final disposal.

Disposal: Based on the criteria of waste, the most common disposal methods are:

- Direct Landfill (DLF): Non-biodegradable organics less than 20%, calorific value below 2500 kcal/kg, and no toxic materials.
- Landfill After Treatment (LAT): Non-biodegradable organics less than 20%, calorific value below 2500 kcal/kg, and may contain toxics like metals.
- Incineration (INC): Biodegradable organics over 5%, non-biodegradable organics over 20%, and calorific value above 2500 kcal/kg.

Alternate Fuel Resource Facility (AFRF) : Waste which can be pre-processed and sent to cement industry for co-process as an energy recovery.

PART — G

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

- Minimizing the dust concentration by providing covered sheds for waste storage and fugitive emission being controlled by sprinkling of water through water tank regularly on the roads.
- Stabilization pit having cyclone, wet scrubber followed by stack for controlling of fugitive emission.
- Leachate being stored in double liner solar evaporation pond and evaporated during summer season.
- We have installed CEMS system to continuously monitor the air pollutants and it is also connected to by Care Air Centre, TNPCB.

PART — H

Additional investment proposal for environmental protection including abatement of pollution, prevention of pollution

RSIWMSL spent an amount of Rs.21 Lakhs during 2024-25 towards Environmental protection & Abatement of Pollution (Green Belt development & maintenance, Environmental monitoring, measurement, Housekeeping).



PART — I

Miscellaneous Any other particulars for improving the quality of the environment.

- We have implemented "Integrated Management System (ISO-14001, ISO-9001, and ISO-45001) and the Laboratory is having NABL Accreditation ISO/IEC 17025:2017) and CPCB approval as per Environmental Protection Act.
- Environmental monitoring for ambient air quality, noise levels, Monitoring bore well water and Leachate quality is being done regularly as per HWM Rules 2016.
- Maintaining good housekeeping in and around the site premises.

