Date: 27th September 2023

To
The Environmental Engineer,
Regional Office,
A P Pollution Control Board,
Madhavadhara vuda colony,
Visakhapatnam. – 530 018.

Dear Sir,

Sub: Submission of Form V – Reg,

We are herewith enclosing Form – V containing the Environmental Statement for the financial year 2022-2023. The following documents are also enclosed.

1. Monitoring Bore well Reports
2. Soil Monitoring Reports
3. Air Quality Reports
4. Stack emission report
5. Meteorological data

Kindly acknowledge the receipt of the same.

Thanking you,

Yours faithfully,

For COASTAL WASTE MANAGEMENT PROJECT
(A DIVISION OF RE SUSTAINABILITY LTD)

K.Ravikumar
Project Head

CC: - Joint Chief Environmental Engineer, Visakhapatnam for your records

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
Unit : Coastal Waste Management Project
Road No. : 20/5, Jawaharlal Nehru Pharmacity,
Parawada, Anakapalli - 531021,
Andhra Pradesh. India.

Re Sustainability Limited
(formerly known as Ramky Enviro Engineers Limited)
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FORM – V

Environmental Statement for the financial year ending 31st March 2023

PART A

(i)	**Name & Address of the owner/ Occupier of the Industry Operation or process**	Coastal Waste Management Project. Road No:20/5, E-Bonangi, JNPC, Parawada Mandal, Visakhapatnam.
(ii)	**Industry Category Primary (STC Code) Secondary (SIC Code)**	Not a production Industry. Hazardous Waste Management Facility
(iii)	**Production Capacity (Units)**	Disposal Capacity of hazardous Waste : Landfill: 4,68,200 MT Capacity of Hazardous waste incineration: 5.5 M kcal/hr
(iv)	**Year of Establishment**	2004
(v)	**Date of the last Environmental statement submitted**	26.09.2022 (for the financial year 2021-22)

PART B

Water and Raw Material Consumption

(i) WATER CONSUMPTION

Unit	Quantity (KLD)
Stabilization	1 KLD
Truck tyre Wash	23 KLD
Lab	1.3 KLD
Domestic	12 KLD
Gardening	21 KLD
Washing	17 KLD
Cooling (make up)/ water spraying & scrubber	91 KLD
Others (House Keeping)	
Total	**166.3 KLD**

Name of products	Water consumption per unit of product output m^3/ MT	
	During the previous Financial year (2021-2022)	During the Current Financial year (2022-2023)
Not a manufacturing industry. Hazardous waste is received from the industries and it is disposed as per CPCB guidelines. Water used only for tyre wash & domestic only. Same is send to CETP for further treatment and disposal.		

(ii) RAW MATERIAL CONSUMPTION

Name of Raw materials	Name of Products	Consumption of raw material per unit of output	
		During the Previous Financial year (2021-2022)	During the Current Financial year (2022-2023)
Cement	used for stabilisation of waste	**2784.420**	**2689.87**
Fly Ash	Used for stabilisation	**30310.389**	**28689.88**
Lime	Used for stabilisation	**3567.253**	**3373.78**
Lime	It is used in incinerator	**369.24**	**30.563**
Activated Carbon	Used as Adsorbing reagent in Incinerator	**78.603**	**6.064**
Caustic Lye	Used as Scrubbing reagent in Incinerator	**160.638**	**23.093**

PART C

Pollution discharged to environment / unit of output

(Parameter 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	2500 m^3/hr	Inc. stack emissions report enclosed	Within the prescribed limit

PART D

Hazardous Wastes

As specified under Hazardous Wastes (Management and Handling) Rules, 1989

Hazardous Wastes	Total Quantity (MT)	
	During the Previous Financial year (2021-2022)	During the Current Financial year (2022-2023)
(a) From process		
Incinerator Ash (Schedule 1 Category 36.2)	430.9	12.220
Spray dryer Ash	847.61	36.960
(b) From Pollution Control facilities		
Cyclone dust	115.01	5.020
Bag filter dust	166.59	8

PART E
SOLID WASTES

Solid Waste	Total quantity (kg)	
	During the Previous Financial year (2021-2022)	During the Current Financial year (2022-2023)
(a) From process	Nil	Nil
(b) From pollution Control facility	Nil	Nil
(c) 1) Quantity recycle or reutilised	Nil	Nil
2) Solid	Nil	Nil
3) Disposed	Nil	Nil

PART F

PART F

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

This is a hazardous waste disposal facility (TSDF) catering to hazardous waste disposal needs of the industry. The facility having permission to handle 2 Lack MT per annum, incinerator with a capacity of 5.5 M kcal per hour for Incinerable waste and Utilizable hazardous waste as Alternative Fuel Raw Material Facility (AFRF) - 100 MT/Day for co-proceing. The facility mainly handling three types of hazardous wastes, i.e. Landfill hazardous waste (Direct Landfill & Landfill after treatment), Incinerable waste and Utilizable hazardous waste.

PART G

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

The industry itself is a pollution control measure. About hazardous waste has been disposed from the date of its commissioning 15th Nov 2006 to March 31st, 2023 as below.

S. No	Landfill waste disposed (MT)		Incineration/AFRF waste disposed (MT)	
	From commissioning to Mar 31st 2023	During the Current Financial year (2022 - 2023)	From commissioning to Mar 31st 2023	During the Current Financial year (2022 - 2023)
1	1406985.45	74544.91	62439.053	6423.795

The CWMP-TSDF has the pollution abatement system to take care of the environment and natural resources as per the norms and standards.

PART H

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

1. Construction of expand within the existing Secured landfill facility by increasing the embankment height with reinforced Soil structure technology is under process.

PART I

Miscellaneous

Any other particulars for improving the quality of the environment

Green Belt development:

1. Developed green belt at existing TSDF vacant land.