

Report No. RSIWML/AAQ/22-23/10

Date: 28.10.22

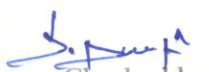
1. Name of the Industry : M/s Re Sustainability IWM Solutions Ltd.
 2. Address of the Industry : SIPCOT Industrial Complex, Gummidipoondi
 3. Date(s) of Survey : 03.10.22 to 27.10.22
 4. Duration of Survey : 24 hrs (Except Ozone - 8 hrs)

Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	29.3	32.1		64	79
Weather Condition	Clear Sky		Rain Fall (mm)	NIL	
Predominant Wind Condition	NE-SW		Mean Wind Speed (Km/hr)	17.0	

Ambient Air Quality Survey Report of Analysis

Sl. No	Location	Direction	Distance (m)	Height from GL (m.)	Pollutants Concentrations									
					PM ₁₀	PM _{2.5}	SO ₂	NO _x	O ₃	NH ₃	Pb	Ni	As	CO
1	Near Security	NE	100	5.0	57.8	25.2	5.17	28.9	18.4	51.8	0.49	5.16	1.35	0.43
2	Near SEP	NW	110	5.0	59.3	26.7	6.24	25.6	17.9	42.7	0.51	6.51	1.64	0.39
3	Near Landfill	SW	150	5.0	53.5	23.8	7.05	26.7	20.2	37.1	0.44	5.12	1.04	0.47

Units: Ni & As ng/m³ other parameters µg/m³ and CO in mg/m³
 Average values for the Month of **October'2022**


 Checked by
 S. Deepak


 Authorized Signatory
 Gowri Prasad



Sustainability

NOISE MONITORING ANALYSIS REPORT

Sample Particulars : Noise Level Monitoring	Test Report Ref. No : RSIWML/10/22-23
Sample Code : Noise	Report Date : 15.10.22
Location : Within the Plant (RSIWML)	Monitoring Date : 14.10.22

Sl.NO.	Locations	Noise Level in dB(A)	
		Day Time	Night Time
1	Near Gate	53.3	51.3
2	Near Laboratory	58.1	55.8
3	Near Stabilization Shed	61.0	58.7
4	Near Landfill	56.2	54.4
5	Near SEP	54.2	52.1
6	Near Incinerator (Running)	62.3	59.9
7	Near Incinerator D.G. Set (500KVA)	65.9	63.3
8	Near ATFD Chimney	66.7	64.2
9	Near ATFD Chamber	68.6	65.9
10	ATFD away from 10 meters	67.5	65.1

Standards

Zone	Day	Night
Industrial and mixed use	75 dB(A)	70 dB(A)

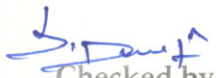

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STACK MONITORING ANALYSIS REPORT

Sample Particulars : Stack Emissions	Test Report No RSIWML/22-10
Sample Code : Incinerator Stack	Report Date 15.10.2022
Location : Incinerator	Monitoring Date 14.10.2022

S.No.	Parameter	Unit	Result
1	Temperature	°C	59.6
2	Velocity of Flue Gases	m/sec	5.12
3	Flow Rate	m ³ /hr	12284
4	Suspended Particulate Matter	mg/Nm ³	33.2
5	Oxides of Nitrogen	mg/Nm ³	30.3
6	Sulphur Dioxide	mg/Nm ³	23.5


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