

ISSUED TO:

M/s. COASTAL WASTE MANAGEMENT PROJECT
UNIT-II, Raviguntapalli Village,
Rapur Mandal, SPSR Nellore-524408,
India

Report Number : CWMP2/LAB/ENV/23-24/78
Issued Date : 03.10.2023

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SAMPLING DETAILS

SAMPLE PARTICULARS		AMBIENT AIR QUALITY MONITORING			
Sampling & Date of Survey	01.09.2023 to 30.09.2023				
Duration of Sampling	24 hrs.				
Ambient Temperature (°C)	Min	Max	Relative Humidity (%)	Min	Max
	24.5	42.1		23	100
Weather Condition	Sunny		Rain fall (mm)	0	24.3
Predominant wind condition	SE		Mean wind speed (km/h)	0.0	14.2
Test Required	PM 10; PM 2.5; Sulphur Dioxide; Nitrogen Dioxide; Ozone; Carbon Monoxide; Ammonia; Lead; Arsenic; Nickel;				
Sampling Locations:	1. Near Main gate (L-I) 14°13'6.936" N 79°35'5.052"E 2. Near MEE Plant (L-II) 14°12'57.35" N 79°35'2.027"E 3. Near Landfill (L-III) 14°12'45.646" N 79°35'9.375"E				

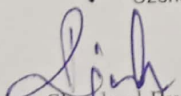
TEST REPORT

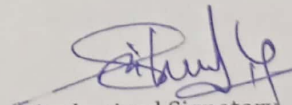
Sr. No	Test parameters	UoM	Method of Testing	Results			NAAQM Standards
				Main Gate (L-1)	MEE Plant (L-II)	Landfill (L-III)	
1	Particulate Matter as PM ₁₀	µg/m ³	IS-5182(P-23)	56	54	58	100
2	Particulate Matter as PM _{2.5}	µg/m ³	IS-5182(P-24)	28.63	28.21	29.62	60
3	Sulphur dioxide as SO ₂	µg/m ³	IS-5182 (Part-02)	6.9	6.5	7.2	80
4	Nitrogen dioxide as NO ₂	µg/m ³	IS-5182 (Part-06)	14.8	11.6	13.4	80
5	Ozone as O ₃	µg/m ³	Method-411	5.3	4.9	5.1	100
6	Carbon monoxide as CO	mg/m ³	IS-5182 (Part-10)	0.41	0.38	0.44	02
7	Ammonia as NH ₃)	µg/m ³	Indophenol Blue Method	3.5	2.7	3.2	400
8	Lead as Pb	µg/m ³	IS-5182 (Part-22)	BDL	BDL	BDL	01
9	Arsenic as As	ng/m ³	IS-5182 (Part-22)	BDL	BDL	BDL	06
10	Nickel as Ni	ng/m ³	IS-5182 (Part-22)	BDL	BDL	BDL	20

Note: Above parameters are on the basis of 24 hourly and O₃ is 1 hour monitored.

Remarks:

- Results related only to the sample tested.
- Carbon Monoxide detectable Limit 10µg/m³
- Lead Detectable Limit 0.01µg/m³
- Arsenic and Nickel Detectable Limit 2ng/m³
- Ozone Detectable Limit 2.0 µg/m³


Checked By
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Authorized Signatory
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