



## BALOTRA WASTE MANAGEMENT PROJECT LABORATORY

(A Div. of Re Sustainability Ltd.)

### AMBIENT AIR QUALITY MONITORING

Registration No: BWMP/LAB/99/2023-24

Date of Monitoring : 01/03/2024

Report No: BWMP/LAB/AAQM/23-24/12/A

Date of Analysis : 04/03/2024

Date of Report : 04/03/2024

S No.	Sampling Parameter	Method	Unit	Results			Limits as per CPCB Standard
				Location -I (Canteen Building)	Location -II (Near SEP Pound)	Location -III (Near secure Landfill)	
1	Particulate Matter (PM <sub>10</sub> )	IS 5182 (Part- 23) : 2006	µg/m <sup>3</sup>	53.21	63.96	69.44	100
2	Particulate Matter (PM <sub>2.5</sub> )	IS:5182 (Part- 4) : 1999	µg/m <sup>3</sup>	53.67	53.32	48.58	60
3	Sulphur di Oxide (Sox)	IS:5182 (Part-21) :2001	µg/m <sup>3</sup>	7.53	8.80	8.07	80
4	Nitrogen di Oxide (Nox)	IS:5182 (Part -6) :2006	µg/m <sup>3</sup>	7.58	8.10	8.10	80
5	Ozone (O3)	Chemical Method (Method 411, Air Sampling and Analysis, 3rd Edition) as per CPCB Standard	µg/m <sup>3</sup>	NA	NA	NA	100 (8- Hours) 180 (1 -Hours)
6	Ammonia ( NH3)	Indophenol method (Method 401, Air Sampling and Analysis, 3rd Edition) As per CPCB Standard	µg/m <sup>3</sup>	NA	NA	NA	400
7	Lead (Pb)	IS 5182 (Part 22) : 2004 /Atomic Absorption Spectroscopy (AAS) Method As per CPCB Standard	µg/m <sup>3</sup>	NA	NA	NA	1.0
8	Nickel (Ni)		ng/m <sup>3</sup>	NA	NA	NA	20 ( Annual)
9	Arsenic (As)		ng/m <sup>3</sup>	NA	NA	NA	6.0 ( Annual)

Note: This is Computer Generated Report, Data modification is invalid.

**\*Abbreviations :**

CPCB : Central Pollution Control Board

NA : Not Analyzed

ND : Not Detected

BWMP : Balotra Waste Management Project

µg/m<sup>3</sup> : microgram / cubic meter

ng/m<sup>3</sup> : nano gram / cubic meter

Analyzed by

Review by

Authorized Signatory  
(Laboratory)

