

**RAJASTHAN WASTE MANAGEMENT PROJECT**

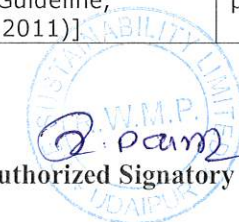
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**AMBIENT AIR QUALITY MONITORING FOR THE MONTH OF FEBRUARY -2024**

|                       |                          |                       |            |
|-----------------------|--------------------------|-----------------------|------------|
| Report No:-           | RWMP/LAB/AAQM-44/23-24   | Date of Monitoring :- | 22.02.2024 |
| Date of Analysis :-   | 22.02.2024 TO 28.02.2024 | Report Date:-         | 28.02.2024 |
| Monitoring Done by :- | TAN SINGH RATHORE        |                       |            |

| S No. | Sampling Location         | Parameter                                                           | Method                                                               | Unit                   | Results |
|-------|---------------------------|---------------------------------------------------------------------|----------------------------------------------------------------------|------------------------|---------|
| 1     | Near Store Room           | Particulate Matter Less Than 10 $\mu$ (PM <sub>10</sub> ) TSPM/RSPM | IS 5182 (Part 23) : 2006                                             | $\mu$ g/m <sup>3</sup> | 80.92   |
|       |                           | Particulate Matter size less than 2.5 $\mu$ (PM <sub>2.5</sub> )    | IS:5182 (Part IV) - 1999                                             | $\mu$ g/m <sup>3</sup> | 40.57   |
|       |                           | Nitrogen Dioxide (NO <sub>2</sub> )                                 | IS 5182 (Part 6) : 2006                                              | $\mu$ g/m <sup>3</sup> | 24.60   |
|       |                           | Sulphur Dioxide (SO <sub>2</sub> )                                  | IS 5182 (Part 2) : 2001                                              | $\mu$ g/m <sup>3</sup> | 15.68   |
|       |                           | Lead (Pb)                                                           | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Nickel (Ni)                                                         | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Ammonia (NH <sub>3</sub> )                                          | LAB SOP No.60<br>[Based on CPCB Guideline,<br>Volume - I (May,2011)] | $\mu$ g/m <sup>3</sup> | 1.44    |
| 2     | Security Room<br>Roof Top | Particulate Matter Less Than 10 $\mu$ (PM <sub>10</sub> ) TSPM/RSPM | IS 5182 (Part 23) : 2006                                             | $\mu$ g/m <sup>3</sup> | 90.81   |
|       |                           | Particulate Matter size less than 2.5 $\mu$ (PM <sub>2.5</sub> )    | IS:5182 (Part IV) - 1999                                             | $\mu$ g/m <sup>3</sup> | 37.51   |
|       |                           | Nitrogen Dioxide (NO <sub>2</sub> )                                 | IS 5182 (Part 6) : 2006                                              | $\mu$ g/m <sup>3</sup> | 24.5    |
|       |                           | Sulphur Dioxide (SO <sub>2</sub> )                                  | IS 5182 (Part 2) : 2001                                              | $\mu$ g/m <sup>3</sup> | 15.24   |
|       |                           | Lead (Pb)                                                           | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Nickel (Ni)                                                         | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Ammonia (NH <sub>3</sub> )                                          | LAB SOP No.60<br>[Based on CPCB Guideline,<br>Volume - I (May,2011)] | $\mu$ g/m <sup>3</sup> | 1.45    |
| 3     | Near Secured<br>Landfill  | Particulate Matter Less Than 10 $\mu$ (PM <sub>10</sub> ) TSPM/RSPM | IS 5182 (Part 23) : 2006                                             | $\mu$ g/m <sup>3</sup> | 87.87   |
|       |                           | Particulate Matter size less than 2.5 $\mu$ (PM <sub>2.5</sub> )    | IS:5182 (Part IV) - 1999                                             | $\mu$ g/m <sup>3</sup> | 42.96   |
|       |                           | Nitrogen Dioxide (NO <sub>2</sub> )                                 | IS 5182 (Part 6) : 2006                                              | $\mu$ g/m <sup>3</sup> | 24.8    |
|       |                           | Sulphur Dioxide (SO <sub>2</sub> )                                  | IS 5182 (Part 2) : 2001                                              | $\mu$ g/m <sup>3</sup> | 15.85   |
|       |                           | Lead (Pb)                                                           | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Nickel (Ni)                                                         | IS 5182 (Part 22) : 2004                                             | $\mu$ g/m <sup>3</sup> | BDL     |
|       |                           | Ammonia (NH <sub>3</sub> )                                          | LAB SOP No.60<br>[Based on CPCB Guideline,<br>Volume - I (May,2011)] | $\mu$ g/m <sup>3</sup> | 1.43    |

  
Analyzed by

  
Authorized Signatory