

Ambient Air Quality Monitoring Report

UPWMP/GF/LAB/013

| | | | |
|---|--------------------------------------|--|----------------|
| Report No. UPWMP/LAB/AAMIH/23-24/253 | | Report Date 20-02-2024 | |
| Name of The Industry | | Uttar Pradesh Waste Management Project | |
| Address | | Plot No. 672 on NH-2, Sikandra Road, | |
| Sampling Type | 24 Hrs. Ambient Air Quality Sampling | | |
| Date of Sampling | 16-02-2024 | Sample Collected by | Tarun & Sushil |

| Sampling Details | | |
|---|--------------------------|--|
| Sampler ID | Sampler Details | Sampling Equipment Calibration Date |
| UPWMP/LAB/INS/045 | Respirable Dust Sampler | 17-11-2023 |
| Sampling Location | Sampling Duration | Sampling Conditions. |
| Landfill Area | 24Hr. | Routine Activity |
| Flow Rate (PM₁₀) RSPM | | Flow Rate (Gases) |
| 1.22 m ³ min ⁻¹ | | 0.2 Lmin ⁻¹ |

| | | |
|---|---------------------------------|-----------------------------------|
| Ambient Air temperature | Any Other Information | |
| 24.00 °C | No | |
| Total Volume of Gas Sampled (for Particulate) m³(STP corrected) | Time Weighted Average | |
| For 10µ (PM ₁₀) RSPM | 24 Hrs. | |
| 1756.00 | | |
| Sample Registration Number | Sample Registration Date | Sample Codes |
| AAM/01 | 17-02-2024 | AMB 001 |
| Analysis Started Date | Analysis Completed Date | Total Duration of Analysis |
| 17-02-2024 | 20-02-2024 | 3 day |

TEST REPORT

| No. | Pollutant | Method | Results | Unit | Limits* |
|-----|---|--------------------------|---------|-------------------|---------|
| 1 | Particulate Matter Less Than 10µ (PM ₁₀) RSPM | IS:5182(Part 23) - 2012 | 64.80 | µg/m ³ | 100 |
| 2 | Sulphur Dioxide (SO ₂) | IS:5182 (Part 2) - 2001 | 10.86 | µg/m ³ | 80 |
| 3 | Nitrogen Dioxide (NO ₂) | IS:5182 (Part 6) - 2006 | 8.71 | µg/m ³ | 80 |
| 4 | Lead as Pb | IS:5182 (Part 22) - 2004 | BDL | µg/m ³ | 01 |
| 5 | Arsenic as As | IS 5182 (Part 22) - 2004 | ND | ng/m ³ | 06 |
| 6 | Nickel as Ni | IS 5182 (Part 22) - 2004 | BDL | ng/m ³ | 20 |

END OF REPORT

[Signature]
Verified by

[Signature]
Manager Laboratory

Note:

1. *Limits as per the Consent to Operate conditions or as per CPCB standards.
2. This Test Report refers only to the sample tested.
3. This report may not be reproduced in part, without the permission of UPWMP Laboratory.
4. Any corrections invalidates this Test Report

Ambient Air Quality Monitoring Report

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|--------------------------------------|--|
| Report No. UPWMP/LAB/AAMIH/23-24/254 | UPWMP/GF/LAB/013 |
| Report Date 20-02-2024 | |
| Name of The Industry | Uttar Pradesh Waste Management Project |
| Address | Plot No. 672 on NH-2, Sikandra Road, |
| Sampling Type | 24 Hrs. Ambient Air Quality Sampling |
| Date of Sampling | 16-02-2024 |
| Sample Collected by | Tarun & Sushil |

| | | |
|---------------------------------------|-------------------------|-------------------------------------|
| Sampling Details | | |
| Sampler ID | Sampler Details | Sampling Equipment Calibration Date |
| UPWMP/LAB/INS/046 | Respirable Dust Sampler | 17-11-2023 |
| Sampling Location | Sampling Duration | Sampling Conditions. |
| Stabilization Area | 24Hr. | Routine Activity |
| Flow Rate (PM ₁₀) RSPM | | Flow Rate (Gases) |
| 1.22 m ³ min ⁻¹ | | 0.2 Lmin ⁻¹ |

| | | |
|--|--------------------------|----------------------------|
| Ambient Air temperature | Any Other Information | |
| 24.00 °C | No | |
| Total Volume of Gas Sampled (for Particulate) m ³ (STP corrected) | Time Weighted Average | |
| For 10µ (PM ₁₀) RSPM | 24 Hrs. | |
| 1756.00 | | |
| Sample Registration Number | Sample Registration Date | Sample Codes |
| AAM/02 | 17-02-2024 | AMB 002 |
| Analysis Started Date | Analysis Completed Date | Total Duration of Analysis |
| 17-02-2024 | 20-02-2024 | 3 day |

TEST REPORT

| No. | Pollutant | Method | Results | Unit | Limits* |
|-----|---|--------------------------|---------|-------------------|---------|
| 1 | Particulate Matter Less Than 10µ (PM ₁₀) RSPM | IS:5182(Part 23) - 2012 | 43.33 | µg/m ³ | 100 |
| 2 | Sulphur Dioxide (SO ₂) | IS:5182 (Part 2) - 2001 | 10.08 | µg/m ³ | 80 |
| 3 | Nitrogen Dioxide (NO ₂) | IS:5182 (Part 6) - 2006 | 8.71 | µg/m ³ | 80 |
| 4 | Lead as Pb | IS:5182 (Part 22) - 2004 | BDL | µg/m ³ | 01 |
| 5 | Arsenic as As | IS 5182 (Part 22) - 2004 | ND | ng/m ³ | 06 |
| 6 | Nickel as Ni | IS 5182 (Part 22) - 2004 | BDL | ng/m ³ | 20 |

END OF REPORT

Kaush.
Verified by

Manoj Kumar
Manager Laboratory

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Ambient Air Quality Monitoring Report

UPWMP/GF/LAB/013

| | | | |
|---|--------------------------------------|--|----------------|
| Report No. UPWMP/LAB/AAMIH/23-24/255 | | Report Date 20-02-2024 | |
| Name of The Industry | | Uttar Pradesh Waste Management Project | |
| Address | | Plot No. 672 on NH-2, Sikandra Road, | |
| Sampling Type | 24 Hrs. Ambient Air Quality Sampling | Sample Collected by | Tarun & Sushil |
| Date of Sampling | 16-02-2024 | | |

| | | | | | |
|---|--|--------------------------|--|--|--|
| Sampling Details | | Sampler Details | | Sampling Equipment Calibration Date | |
| Sampler ID | | Respirable Dust Sampler | | 17-11-2023 | |
| UPWMP/LAB/INS/047 | | | | Sampling Conditions. | |
| Sampling Location | | Sampling Duration | | Routine Activity | |
| Admin Building | | 24Hr. | | Flow Rate (Gases) | |
| Flow Rate (PM₁₀) RSPM | | | | 0.2 Lmin ⁻¹ | |
| 1.20 m ³ min ⁻¹ | | | | | |

| | | | | | |
|---|--|---------------------------------|--|-----------------------------------|--|
| Ambient Air temperature | | Any Other Information | | | |
| 24.00 °C | | No | | | |
| Total Volume of Gas Sampled (for Particulate) m³(STP corrected) | | Time Weighted Average | | | |
| For 10µ (PM ₁₀) RSPM | | 24 Hrs. | | | |
| 1728.00 | | | | | |
| Sample Registration Number | | Sample Registration Date | | Sample Codes | |
| AAM/03 | | 17-02-2024 | | AMB 003 | |
| Analysis Started Date | | Analysis Completed Date | | Total Duration of Analysis | |
| 17-02-2024 | | 20-02-2024 | | 3 day | |

TEST REPORT

| No. | Pollutant | Method | Results | Unit | Limits* |
|-----|---|--------------------------|---------|-------------------|---------|
| 1 | Particulate Matter Less Than 10µ (PM ₁₀) RSPM | IS:5182(Part 23) - 2012 | 34.25 | µg/m ³ | 100 |
| 2 | Sulphur Dioxide (SO ₂) | IS:5182 (Part 2) - 2001 | 9.42 | µg/m ³ | 80 |
| 3 | Nitrogen Dioxide (NO ₂) | IS:5182 (Part 6) - 2006 | 7.68 | µg/m ³ | 80 |
| 4 | Lead as Pb | IS:5182 (Part 22) - 2004 | BDL | µg/m ³ | 01 |
| 5 | Arsenic as As | IS 5182 (Part 22) - 2004 | ND | ng/m ³ | 06 |
| 6 | Nickel as Ni | IS 5182 (Part 22) - 2004 | BDL | ng/m ³ | 20 |

END OF REPORT

Kash
Verified by

Ranj Kumar
Manager Laboratory

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