

COASTAL WASTE MANAGEMENT PROJECT

(A Division of Re Sustainability Limited)

LABORATORY

Ambient Air Quality Monitoring Report

Average Values for the Month of February

CWMP/GF/LAB/315

Month & Year : Feb- 2024
Monitoring Locations : L-I: Near Main Gate
: L-II: Near Incineration Plant
: L-III: Near Landfill

| Sampling Location | Unit | L-I | L-II | L-III | CPCB Standards |
|--|-------------------|------|------|-------|-----------------------------|
| PM _{2.5} | µg/m ³ | 48.3 | 36.9 | 52.7 | 60(24 hours); 40(Annual) |
| PM ₁₀ | µg/m ³ | 88.9 | 70.6 | 90.4 | 100(24 hours); 60(Annual) |
| Sulphur Dioxide(SO ₂) | µg/m ³ | 14.2 | 12.1 | 13.9 | 80(24 hours); 50(Annual) |
| Oxides of Nitrogen (NO _x) | µg/m ³ | 16.5 | 10.7 | 13.6 | 80(24 hours); 40(Annual) |
| Ozone (O ₃) | µg/m ³ | 6.8 | 3.9 | 5.4 | 180(1 hour); 100(8 hours) |
| Lead (Pb) | µg/m ³ | BDL | BDL | BDL | 1.0(24 hours); 0.50(Annual) |
| Carbon Monoxide (CO) | mg/m ³ | BDL | BDL | BDL | 02(8 hours); 04(1 hour) |
| Ammonia (NH ₃) | µg/m ³ | 15.2 | 14.7 | 17.9 | 400(24 hours) |
| Benzene (C ₆ H ₆) | µg/m ³ | BDL | BDL | BDL | 05(Annual) |
| Benzo (a) Pyrene | ng/m ³ | BDL | BDL | BDL | 01(Annual) |
| Arsenic (As) | ng/m ³ | BDL | BDL | BDL | 06(Annual) |
| Nickel (Ni) | ng/m ³ | BDL | BDL | BDL | 20(Annual) |

BDL-Below Detection Limit


Analyzed by


Checked by


Head-Laboratory