

MALIAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date:-22.04.2024

**KEY ENVIRONMENTAL PARAMETERS
Quarter Q-4 th (Jan-Mar'2024)**

| | | | | | | | | | | | | | | | | |
|--|---|--------------------------------|------|--------------------|------|------------------------|------|---------------|------|-----------------------|--------------------|--------------|---------------|--------------------|--------------------|-----|
| 1 | STATIC INFORMATION (Physical Data) | | | | | | | | | | | | | | | |
| 1.1 | M. L. No. | | | | | | | | | 4/03 | | | | | | |
| 1.2 | Area | | | | | | | | | 315.409 Hectare | | | | | | |
| 1.3 | Lease Duration | | | | | | | | | Valid upto 12.12.2034 | | | | | | |
| 1.4 | Date of Commissioning | | | | | | | | | 13.12.1984 | | | | | | |
| 1.5 | Production Capacity | | | | | | | | | 6.3 MMTPA | | | | | | |
| 2 | DYNAMIC PARAMETER | | | | | | | | | | | | | | | |
| 2.1 | Ambient Air Quality | | | | | | | | | | | | | | | |
| Parameters | Permissible Limit | LOCATION (Actual Value) | | | | | | | | Near Mine Office | Near Ravana Office | 3 to10 Meter | Distance From | Near loading point | | |
| | | Near Mine Office | | Near Ravana Office | | 3 to10 Meter | | Distance From | | | | | | | Near loading point | |
| | | Max | Min | Max | Min | Max | Min | Max | Min | | | | | | Max | Min |
| SPM | 500 | NA | NA | NA | NA | 411 | 384 | 377 | 342 | | | | | | | |
| PM 10 | 100 | 77.3 | 65.2 | 64 | 62.1 | NA | NA | NA | NA | | | | | | | |
| PM 2.5 | 60 | 36.1 | 24.2 | 25.2 | 20.2 | NA | NA | NA | NA | | | | | | | |
| NOx | 80 | 20 | 15.2 | 26.6 | 20.1 | 20.8 | 15.8 | 25.1 | 18.4 | | | | | | | |
| 2.2 | Vibration due to Blasting (max Value of the Quarter) | | | | | | | | | | | | | | | |
| | Peak particle velocity at 300 mtr is 2.666 mm/Sec | | | | | | | | | | | | | | | |
| 2.3 | Quality of Discharge Water | | | | | | | | | | | | | | | |
| | No water discharge from mines | | | | | | | | | | | | | | | |
| 2.4 | Greenbelt / Plantation (Within Lease Area) | | | | | | | | | | | | | | | |
| Year | FY 2023-24 | | | | | Cumulative (2005 - 23) | | | | | | | | | | |
| No. of Tree Planted within lease | 6054 | | | | | 65536 | | | | | | | | | | |
| Area (hect.) under Plantation | 2.4 | | | | | 36.32 | | | | | | | | | | |
| Greenbelt / Plantation (Outside Lease Area) | | | | | | | | | | | | | | | | |
| Year | FY 2023-24 | | | | | Cumulative (2005 - 23) | | | | | | | | | | |
| No. of Tree Planted outside lease | 0 | | | | | 13779 | | | | | | | | | | |
| Area (hect.) under | 0 | | | | | 5.72 | | | | | | | | | | |