

|                                                 |                                     |                                                      |                                 |                                   |                                  |         |
|-------------------------------------------------|-------------------------------------|------------------------------------------------------|---------------------------------|-----------------------------------|----------------------------------|---------|
| JK CEMENT LIMITED                               |                                     |                                                      |                                 |                                   |                                  |         |
| (Unit: JK Cement Works- Nimbahera )             |                                     |                                                      |                                 |                                   |                                  |         |
| Ahipura Limestone Mine (M.L. Area 403.1875 Ha.) |                                     |                                                      |                                 |                                   |                                  |         |
|                                                 |                                     |                                                      |                                 |                                   |                                  |         |
| KEY ENVIRONMENTAL PARAMETERS                    |                                     |                                                      |                                 |                                   | Jul.2024 to Sept.2024            |         |
| 1                                               | STATIC INFORMATION (Physical Data)  |                                                      |                                 |                                   |                                  |         |
| 1.1                                             | M.L.No.                             |                                                      |                                 | 02/97                             |                                  |         |
| 1.2                                             | Area                                |                                                      |                                 | 403.1875 (Ha)                     |                                  |         |
| 1.3                                             | Lease Validity                      |                                                      |                                 | 31.03.2030                        |                                  |         |
| 1.4                                             | Date of Commissioning of Mines      |                                                      |                                 | 30.12.1967                        |                                  |         |
| 1.5                                             | Production                          |                                                      |                                 | 0.8609                            |                                  |         |
| 2                                               | DYNAMIC PARAMETER                   |                                                      |                                 |                                   |                                  |         |
| 2.1                                             | Ambient Air Quality                 |                                                      |                                 |                                   |                                  |         |
| Monitored Parameters                            | Permissible Limits (µg/m³)          |                                                      | Monitoring Locations -CORE ZONE |                                   |                                  |         |
|                                                 |                                     |                                                      | Near water pump house           |                                   | Near Mine Office (Ahipura Block) |         |
|                                                 | PM <sub>2.5</sub>                   | 60                                                   | 32.05                           |                                   | 30.27                            |         |
|                                                 | PM <sub>10</sub>                    | 100                                                  | 78.1                            |                                   | 69.46                            |         |
|                                                 | SO <sub>2</sub>                     | 80                                                   | 7.28                            |                                   | 6.18                             |         |
|                                                 | NO <sub>2</sub>                     | 80                                                   | 10.18                           |                                   | 10.89                            |         |
|                                                 | Monitored Parameters                | Permissible Limits (µg/m³)                           |                                 | Monitoring Locations -BUFFER ZONE |                                  |         |
| Murlia Village                                  |                                     |                                                      |                                 | Ahipura Village                   |                                  |         |
| PM <sub>2.5</sub>                               |                                     | 60                                                   | 28.50                           |                                   | 37.58                            |         |
| PM <sub>10</sub>                                |                                     | 100                                                  | 57.74                           |                                   | 57.01                            |         |
| SO <sub>2</sub>                                 |                                     | 80                                                   | 6.06                            |                                   | 6.16                             |         |
| NO <sub>2</sub>                                 |                                     | 80                                                   | 9.08                            |                                   | 9.53                             |         |
| 2.2                                             |                                     | Vibration due to Blasting (Max Value of the Quarter) |                                 |                                   |                                  |         |
| Peak Particle velocity at 2.901 mm/Second       |                                     |                                                      |                                 |                                   |                                  |         |
| 2.3                                             | Quality of Discharge Water          |                                                      |                                 |                                   |                                  |         |
| Parameters                                      | pH                                  | TSS (mg/l)                                           | O & G (mg/l)                    | BOD (mg/l)                        | COD (mg/l)                       |         |
| Actual Value                                    | 7.66                                | 48                                                   | 4                               | 19.2                              | 129.5                            |         |
| 2.4                                             | Greenbelt / Plantation (As on date) |                                                      |                                 |                                   |                                  |         |
| Year                                            | upto 2023-24                        | April 2024 to June 2024                              | July 2024 to Sept 2024          |                                   | Cumulative                       | Remarks |
| No. of Trees Planted                            | 320798                              | 30                                                   | 5018                            |                                   | 325846.00                        |         |
| Area (Hect.) under Plantation                   | 78.34                               |                                                      |                                 |                                   | 78.34                            |         |