



**Monthly Plant Environment monitoring report**

Dated: 9<sup>th</sup> Aug, 2017

**CHITTOR CEMENT PLANT  
Of  
M/s Nuvoco Vistas Corp. Ltd. (Formerly Lafarge India Ltd.)  
(Villages- Bhawalia, Mangrol and Arniya Joshi, Tehsil- Nimbahera, District. Chittorgarh, Rajasthan)**

**Environmental Clearance letter no.:**

- Letter No.:** J-11011/1097/2007-IA-II (I) dated 23.12.2008 for Integrated Cement Plant (Cement 2.6 MTPA; Clinker 1.6 MTPA), Captive Power Plant (25 MW), DG set (5 MW) and Arniya Joshi Limestone Mining (2.6 MTPA, 1476.425 ha.)
- J-11011/113/2011-IA-II (I) dated 19.06.2012 for Proposed Expansion of Cement Plant (from 1.6 MTPA to 2.6 MTPA)

| KEY PARAMETERS   |                                  |   |                                       |             |          |
|--|----------------------------------|---|---------------------------------------|-------------|----------|
| A) Static Information  |                                  |   |                                       |             |          |
| 1.   | Plant Area                       | :   | 182.7 Hact.                           |             |          |
| 2.   | Production capacity              | :   | Clinker- 1.6 MTPA<br>Cement- 2.6 MTPA |             |          |
| 3.   | Date of Commencement of the work | :   | 30/9/2013.                            |             |          |
| B. Dynamic Parameters- Monitoring data for the month of July'17. |                                  |   |                                       |             |          |
| Pollutants in (µg/m3)  | RSPCB (Max.)                     | AAQ (Monthly Average) data                          |                                       |             |          |
|  |                                  | Location of Ambient Air Quality Monitoring Stations |                                       |             |          |
|  |                                  | Crusher Gate  | Mangrol Gate                          | Main Gate-1 | Township |
| Particulate Matter (PM <sub>2.5</sub> )                          | 60                               | 26.97   | 27.95                                 | 29.05       | 24.28    |
| Particulate Matter (PM <sub>10</sub> )                           | 100                              | 48.79   | 50.12                                 | 52.57       | 43.74    |
| NO <sub>x</sub>  | 80                               | 15.43   | 16.86                                 | 17.40       | 13.86    |
| SO <sub>x</sub>  | 80                               | 7.87  | 8.64                                  | 8.88        | 5.95     |
| O <sub>3</sub>   | 180                              | 6.03  | 6.67                                  | 7.23        | 4.58     |
| Pb   | 1                                | 0.06  | 0.07                                  | 0.08        | 0.05     |
| CO   | 4                                | BDL   | BDL                                   | BDL         | BDL      |
| NH <sub>3</sub>  | 400                              | 5.73  | 6.45                                  | 6.44        | 4.49     |
| C <sub>6</sub> H <sub>6</sub>                                    | 5                                | ND  | ND                                    | ND          | ND       |

|     |     |      |      |      |      |
|-----|-----|------|------|------|------|
| BaP | 1   | ND   | ND   | ND   | ND   |
| As  | BDL | BDL  | BDL  | BDL  | BDL  |
| Ni  | 20  | 5.10 | 5.85 | 6.20 | 4.46 |
| Hg  | -   | ND   | ND   | ND   | ND   |

**C. Green belt development /Plantation data.**

|  |   |                |                 |                 |               |
|--|---|----------------|-----------------|-----------------|---------------|
| <b>No. Of Plants are planted till Dec.'16</b>  | 41519 Plants are planted from 2011 to till Dec.'16 at Plant, Colony & Nearby area by M/s Nuvovo Vistas Corp. Limited. (Formerly Lafarge India Limited). |                |                 |                 |               |
| <b>Calendar year wise (Nos).</b>               | <b>2011-12</b>  | <b>2012-13</b> | <b>2013-14</b>  | <b>2015</b>     | <b>2016</b>   |
|  | 8092  | 4970           | 15107           | 4750            | 8600          |
| <b>Month-wise Plantation for NVCL in 2017.</b> | <b>Jan'17</b>   | <b>Feb.'17</b> | <b>March'17</b> | <b>April'17</b> | <b>May'17</b> |
|  | 58  | 0              | 0               | 0               | 20            |
|  | <b>June'17</b>  | <b>July'17</b> |                 |                 |               |
|  | 1156  | 1076           |                 |                 |               |

*Manisha*

*Ramesh Warke*  
**Ramesh Warke**  
 (Sr. Vice President-CCP)

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

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