

ULTRATECH CEMENT LIMITED - RAJASHREE CEMENT WORKS

Monitoring Report of Post Monsoon Season (Sep-11 to Nov-11)

| | | | | | | | |
|---|---|--------------------------------|--------------|-----------------------------|--------------|-------------------------------|---------------|
| Name of the Mines: Rajashree Cement Limestone Mine | | | | | | | |
| 1 | STATIC INFORMATION (Physical Data) | | | | | | |
| 1.1 | M.L.No. | 2666 | | | | | |
| 1.2 | Area | 733.82 HECTARES | | | | | |
| 1.3 | Lease Duration | 20 yrs, upto 2021 | | | | | |
| 1.4 | Date Of Commensoning | 13th Jun 1983 | | | | | |
| 1.5 | Production Capacity | MOEF Clearance, 13.4 MTPA | | | | | |
| | | | | | | | |
| 2 | DYNAMIC PARAMETER | | | | | | |
| 2.1 | Ambient Air Quality | | | | | | |
| Parameters | Permissible Limit | Location (Actual value) | | | | | |
| | | Site I (NE BOUNDARY) | | Site II (S BOUNDARY) | | Site III (NW BOUNDARY) | |
| | | Min | Max | Min | Max | Min | Max |
| PM10 | 100 (µg/m ³) | 9 | 85 | 8 | 59 | 10 | 58 |
| PM2.5 | 60 (µg/m ³) | 8 | 38 | 7 | 41 | 8 | 36 |
| SOx | 80 (µg/m ³) | 6 | 26 | 8 | 27 | 7 | 29 |
| NOx | 80 (µg/m ³) | 12 | 31 | 11 | 31 | 12 | 31 |
| | | | | | | | |
| 2.2 | Vibration due to Blasting (Max Value of the Quarter) | | | | | | |
| Peak Particle velocity at 550 mtr in mm/sec | | | | | 2.52 | | |
| | | | | | | | |
| 2.3 | Quality of Discharge Water | | | | | | |
| Parameters | TDS (mg/l) | DO (mg/l) | PH | TSS (mg/l) | | | |
| Permissible Limit | 500-2000 | N.A | 5.5-9.0 | 100 | | | |
| Actual Value | NO DISCHARGE | | | | | | |
| | | | | | | | |
| 2.4 | Greenbelt / Plantation | | | | | | |
| Year | 2011 | 2010 | 2009 | 2008 | 2007 | 2006 | Cumulative |
| No. of Trees Planted | 18100 | 17800 | 35000 | 15000 | 13170 | 13250 | 202657 |
| Area (Hect.) under Plantation | 4.98 | 4.7 | 11.33 | 3.35 | 3.31 | 4.76 | 52.81 |

