

LIMESTONE MINES-NAOKARI LIMESTONE MINES,ACW

KEY ENVIRONMENTAL PARAMETERS

DATE-

JUNE'2010

1

STATIC INFORMATION (Physical Data)

| | | |
|-----|-----------------------|------------------------------------|
| 1.1 | M.L.No. | Rajar -01714 – 2006 & 197 Cha-2000 |
| 1.2 | Area | 1030.58 hect |
| 1.3 | Lease Duration | 20 years 12/2/2000 to11/2/2020 |
| 1.4 | Date Of Commissioning | 21/04/1982 |
| 1.5 | Production | 38.61 Lac. Tonnes during 2009-10 |

2

DYNAMIC PARAMETER

2.1 Ambient Air Quality Monitoring Results (Microgram/M3)

| Parameters | Permissible Limit | Location (Actual value)-Details given below | | | | | | | |
|------------|-------------------|---|-------|---------|-------|----------|-------|---------|-------|
| | | Site I | | Site II | | Site III | | Site IV | |
| | | Min | Max | Min | Max | Min | Max | Min | Max |
| SPM | 500 | 139.0 | 252.0 | 164.0 | 276.0 | 186.0 | 262.0 | 170.0 | 262.0 |
| RSPM | 150 | 54.0 | 112.0 | 59.0 | 115.0 | 110.0 | 51.0 | 59.0 | 106.0 |
| NOx | 120 | 16.7 | 21.2 | 19.3 | 23.5 | 16.6 | 21.0 | 17.3 | 21.2 |

2.2 Vibration due to Blasting (Max Value of the Quarter)

Peak Particle velocity at 300 Mt - 2.86 mm/sec

2.3 Quality of Discharge Water

| Parameters | TDS (mg/l) | DO (mg/l) | PH | TSS (mg/l) |
|-------------------|------------|-----------|---------|------------|
| Permissible Limit | 2100 | NLT-5.0 | 5.5-9.0 | -- |
| Actual Value | 906.0 | 7.8 | 7.4 | 61.0 |

| 2.4 | Greenbelt / Plantation | | | | | | |
|-------------------------------|-----------------------------------|---------|---------|---------|---------|---------|------------|
| Year | 2010-11 | 2009-10 | 2008-09 | 2007-08 | 2006-07 | 2005-06 | Cumulative |
| No. of Trees Planted | 7063 | 6114 | 5788 | 6621 | 6500 | 1376 | 33462 |
| Area (Hect.) under Plantation | 2.83 | 2.4 | 2.13 | 2.2 | 2.6 | 0.55 | 12.71 |
| Site I | Mines Sub-station(A-Block) | | | | | | |
| Site II | MCC Roof Top(Near LST Crusher-2) | | | | | | |
| Site III | CPP Reservoir Pump House | | | | | | |
| Site IV | Mines Sub-station(B -Block) | | | | | | |