

**Grasim Cement Limestone Mine, Kotputli**  
**(ML Area – 548.78 Hect)**

**KEY ENVIRONMENTAL PARAMETERS**

(Period: July To September – 2011)

**1 STATIC INFORMATION (Physical Data)**

1.1	M.L.No.	03/2003
1.2	Area	548.78 ha
1.3	Lease Duration	20 years till 04.07.2024
1.4	Date Of Commissioning	01.11.2007
1.5	Production	6.0 MTPA

**2 DYNAMIC PARAMETER**

**2.1 Ambient Air Quality:**

Parameters	Permissible Limit	Locations (Actual Value)							
		Mines Office		Mines Road		Mines Face		LS Crusher	
		Min	Max	Min	Max	Min	Max	Min	Max
PM <sub>10</sub>	100 µg/m <sup>3</sup>	31	42	37	43	44	48	38	45
PM <sub>2.5</sub>	60 µg/m <sup>3</sup>	19	25	26	31	31	34	26	31
SO <sub>2</sub>	80 µg/m <sup>3</sup>	9	12	13	20	10	18	11	15
NO <sub>2</sub>	80 µg/m <sup>3</sup>	10	14	14	23	11	21	13	18

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

**Peak Particle Velocity at 300 Mtr - 2.4 mm/sec**

**2.3 Quality of Discharge Water:**

Parameters	TDS (mg/l)	DO (mg/l)	PH	TSS (mg/l)
Status	<b>No Discharge from mining lease</b>			

**2.4 Greenbelt / Plantation: (With in ML)**

Year	2011 – (Q3)	Cumulative (So far)
No. of Trees Planted	7917	25222
Area Under Plantation (Hect.)	7.5	27.0

