

**LIMESTONE MINES-NAOKARI LIMESTONE MINES,ACW**

**KEY ENVIRONMENTAL PARAMETERS**

**DATE-**

**MARCH'2011**

**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	34.41 Lac. Tonnes during 2010-11

**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
<b>SPM</b>	<b>500</b>	83.0	170.0	128.0	219.0	76.0	171.0	70.0	168.0
<b>RSPM</b>	<b>150</b>	36.0	83.0	45.0	97.0	28.0	78.0	31.0	75.0
<b>NOx</b>	<b>120</b>	11.5	15.6	17.4	24.8	15.2	20.5	15.2	20.0

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

Peak Particle velocity at 300 Mt - 2.61 mm/sec

**2.3 Quality of Discharge Water**

Parameters	TDS (mg/l)	DO (mg/l)	PH	TSS (mg/l)
<b>Permissible Limit</b>	2100	NLT-5.0	5.5-9.0	--
<b>Actual Value</b>	812.0-827.0	6.5	7.6-7.8	61-64

**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 I I	MCC Roof Top( Near L/S Crusher-2
Site III	CPP Reservoir Pump House
Site IV	Mines Sub-station(B -Block)