

LIMESTONE MINES-NAOKARI LIMESTONE MINES,ACW

KEY ENVIRONMENTAL PARAMETERS

DATE-

SEPTEMBER'2010

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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

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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	47.0	256.0	45.0	259.0	46.0	243.0	46.0	245.0
RSPM	150	19.0	114.0	20.0	113.0	17.0	110.0	19.0	112.0
NOx	120	15.2	21.3	17.6	23.8	14.6	20.8	16.5	21.4

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	825.0	6.0	7.5	41.0

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)						