

ADITYA CEMENT WORKS LIMESTONE MINES
FOR THE PERIOD : JULY-SEPTEMBER, 2011

KEY ENVIRONMENTAL PARAMETERS

DATE- 01.10.2011

1	STATIC INFORMATION (Physical Data)	
1.1	M.L.No.	24/92
1.2	Area	760.692 Hect.
1.3	Lease Duration	20 Years from 29-04-1994
1.4	Date Of Commissioning	15th Nov 1994
1.5	Production Capacity	66 Lac tonnes/annum

2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	Location (Actual value)							
		Near Mines Office		View Point		JSKK Village			
		Min	Max	Min	Max	Min	Max		
SPM	500 (microgram/m ³)	138	161	153	176	104	117		
RSPM	100 (microgram/m ³)	43	56	46	63	33	48		
NOx	80 (microgram/m ³)	12	16	11	15	11	16		

2.2	Vibration due to Blasting (Max Value of the Quarter)	
	Peak Particle velocity at 100 Mt :7.83 mm/sec	

2.3	Quality of Discharge Water			
Parameters	TDS (mg/l)	DO (mg/l)	PH	TSS (mg/l)
Permissible Limit	NO DISCHARGE			
Actual Value				

2.4	Greenbelt / Plantation					
Year	2010	2009	2008	2007	2006	Cumulative (1995-2010)
No. of Trees Planted	16678	35000	20273	16196	6000	165796
Area (Hect.) under Plantation	10.00	18.00	16.51	9.00	2.00	88.75