

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date:

KEY ENVIRONMENTAL PARAMETERS

Quarter Q - 4 (January-March)

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.				2/97				
1.2	Area				403.1875				
1.3	Lease Duration				Valid upto 31.03.2030				
1.4	Date of Commissioning				23.02.1968				
1.5	Production Capacity				2.0 MMTPA				
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	LOCATION (Actual Value)							
		Near Mine Gate		Near Mine water pump		3 to10 Meter Distance		Near loading	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	418.0	403.0	395.0	364.0
PM 10	100	45.2	44.0	72.5	68.4	NA	NA	NA	NA
PM-2.5	60	35.4	34.0	50.0	47.1	NA	NA	NA	NA
NOx	80	26.1	25.2	28.0	26.5	28.2	27.4	24.8	22.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 350 mtr is 3.17 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	2019-20				Cummulative (2005 - 18)				
No. of Tree Planted within lease	950				145318				
Area (hect.) under Plantation	0.67				47.31				