

NIMBAHERA - AHIRPURA LIMESTONE MINES

M/s J. K. Cement Works

Date: 05.10.2019

KEY ENVIRONMENTAL PARAMETERS

Quarter Q - 2 (July 2019 - Sept 2019)

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	380.0	358.0	308.0	301.0
PM 10	100	36.3	29.4	52.0	39.3	NA	NA	NA	NA
PM-2.5	60	29.0	18.4	32.1	28.9	NA	NA	NA	NA
NOx	80	22.0	20.1	23.3	21.2	24.0	20.8	23.2	17.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 350 mtr is 2.79 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	2018-19				Cummulative (2005 - 18)				
No. of Tree Planted within lease	1110				144208				
Area (hect.) under Plantation	0.71				46.6				