

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date: 06.01.2020

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 3 (October'19 to December' 19)

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	390.0	352.0	356.0	294.0
PM 10	100	41.3	36.8	53.2	50.0	NA	NA	NA	NA
PM-2.5	60	32.0	26.6	45.3	32.8	NA	NA	NA	NA
NOx	80	21.8	21.2	26.5	25.2	28.5	27.7	22.5	20.3
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 350 mtr is 2.43 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	2019-20				Cummulative upto 31st March 2018				
No. of Tree Planted within lease	950				145318				
Area (hect.) under Plantation	0.67				47.31				