

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date: 08/07/2020

KEY ENVIRONMENTAL PARAMETERS**Quarter Q - 1 (April - June'2020)**

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 Office		Near Ravana Office		3 to10 Meter Distance		Near loading	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	406.0	354.0	380.0	346.0
PM 10	100	56.9	52.2	69.4	65.3	NA	NA	NA	NA
PM-2.5	60	47.2	41.6	51.4	49.6	NA	NA	NA	NA
NOx	80	25.3	23.1	26.5	23.1	27.9	26.1	29.4	24.8
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.94 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	FY 2019-20					Cummulative (2005 - 18)			
No. of Tree Planted within lease	950					145318			
Area (hect.) under Plantation	0.67					47.31			