

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date: 15/04/2022

KEY ENVIRONMENTAL PARAMETERS Quarter Q-4 (January 2022-March'2022)

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				0.8949 MMTPA				
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	AHIRPURA BLOCK- LOCATION (Actual Value)							
		Near Mine Office				NearMine water Pump house			
		Max		Min		Max		Min	
SPM	500	NA		NA		NA		NA	
PM 10	100	58.9		37.1		62.0		42.8	
PM-2.5	60	37.9		28.3		41.4		30.5	
NOx	80	24.2		20.5		32.8		22.6	
Parameters	Permissible Limit	MURLIA BLOCK- LOCATION (Actual Value)							
		Near Mine Office		Near Ravana Office		3 to10 Meter Distance From Drilling Operation (SPM Limit- 600 µg/m3)		Near loading point	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	418	272	381	296
PM 10	100	45.6	38.6	66.3	44.1	NA	NA	NA	NA
PM-2.5	60	38.8	25.5	44.2	30.3	NA	NA	NA	NA
NOx	80	30.4	17.7	33.2	22.2	33.7	17.7	26.1	17.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 4.651mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt/Plantation (Within Lease Area)								
Year	FY 2021-22				Cumulative (2005 - 21) upto March 2021				
No. of Tree Planted within lease	3455				120050				
Area (hect.) under Plantation	2.48				48.02				
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2021-22				Cumulative (2005 - 21) upto March 2021				
No. of Tree Planted within lease	0				31765				
Area (hect.) under Plantation	0				16.45				