

NIMBAHERA - AHIRPURA & MURLIA BLOCK LIMESTONE MINES

M/s J. K. Cement Works

Date: 12/10/2022

KEY ENVIRONMENTAL PARAMETERS Quarter Q-2 (July 2022 - September 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		PM 10		PM-2.5		NOx	
	500	NA		NA		NA		NA	
	100	47.4		37.0		57.3		41.3	
	60	31.1		21.4		39.6		24.8	
	80	21.5		14.2		28.4		17.1	
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		PM 10		PM-2.5		NOx	
	500	NA	NA	NA	NA	393	296	352	255
	100	50.8	32.4	68.1	39.1	NA	NA	NA	NA
	60	36.6	18.8	48.1	22.0	NA	NA	NA	NA
	80	24.2	21.9	29.8	27.6	30.3	14.5	32.8	11.3
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.270 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt/Plantation (Within Lease Area)								
Year	FY 2022-23 till 30.09.2022				Cummulative (2005 - 22) upto March 2022				
No. of Tree Planted within lease	7750				123505				
Area (hect.) under Plantation					50.5				
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2022-23 till 30.09.2022				Cummulative (2005 - 22) upto March 2022				
No. of Tree Planted within lease	0				31765				
Area (hect.) under Plantation	0				16.45				