

MALIAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date: 18/07/2022

KEY ENVIRONMENTAL PARAMETERS

Quarter Q-1, FY 2022-23(April-June)

1	STATIC INFORMATION (Physical Data)									
1.1	M. L. No.					4/03				
1.2	Area					315.409 Hectare				
1.3	Lease Duration					Valid upto 12.12.2034				
1.4	Date of Commissioning					13.12.1984				
1.5	Production Capacity					6.3 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 From Drilling		Near loading point		
		Max	Min	Max	Min	Max	Min	Max	Min	
SPM	500	NA	NA	NA	NA	454	356	377	309	
PM 10	100	65	57.4	78	66.3	NA	NA	NA	NA	
PM 2.5	60	46.1	31.6	46.6	40.1	NA	NA	NA	NA	
NOx	80	26.3	22.4	31.1	26.1	36	28.3	31.2	26.2	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 300 mtr is 4.392 mm/Sec									
2.3	Quality of Discharge Water									
	No water discharge from mines									
2.4	Greenbelt / Plantation (Within Lease Area)									
Year	FY 2021-22 till 31.03.2022					Cummulative (2005 - 21) upto March 2021				
No. of Tree Planted within lease	17356					49760				
Area (hect.) under Plantation	8.155(including gap filling)					23				
Greenbelt / Plantation (Outside Lease Area)										
Year	FY 2021-22 till 31.03.2022					Cummulative (2005 - 21) upto March 2021				
No. of Tree Planted within lease	4479					3750				
Area (hect.) under	1.07					1.5				