

JK CEMENT LIMITED							
(Unit: JK Cement Works- Nimbahera)							
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)							
KEY ENVIRONMENTAL PARAMETERS						Jan. -2025 to Mar. - 2025	
1	STATIC INFORMATION (Physical Data)						
1.1	M.L.No.				04/2003		
1.2	Area				315.409 (Ha)		
1.3	Lease Validity				50 year		
1.4	Date of Commissioning of Mines				15.04.1986		
1.5	Production				5.6 Million Tonnes/Annum		
2	DYNAMIC PARAMETER						
2.1	Ambient Air Quality						
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -CORE ZONE				
			Near Mine Office		Near Ravana Office		
PM _{2.5}	60		33.87		34.51		
PM ₁₀	100		54.47		60.15		
SO ₂	80		6.99		7.47		
NO ₂	80		9.66		11.86		
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE				
			Pipaliya Gadia Village		Maliakhera Village		
PM _{2.5}	60		35.17		31.3		
PM ₁₀	100		63.34		55.64		
SO ₂	80		6.83		6.69		
NO ₂	80		8.92		9.06		
2.2	Vibration due to Blasting (Max Value of the Quarter)						
Peak Particle velocity at 2.747 mm/Second							
2.3	Quality of Discharge Water						
Parameters	pH	TSS (mg/l)	O & G (mg/l)	BOD (mg/l)		COD (mg/l)	
Actual Value	7.28	50	3.6	18		137	
2.4	Greenbelt / Plantation (As on date)						
Year	upto 2023-24	April 2024 to June 2024	July 2024 to Sept 2024	Oct 2024 to Dec 2024	Jan 25 to March 2025	Cumulative	Remarks
No. of Trees Planted	100718	120	4560	40	46	105484.00	
Area (Hect.) under Plantation	39.385					39.39	