

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Nayagaon & Chenpura Limestone Mine (M.L. Area 206.354 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					October 2025 to December 2025	
1	STATIC INFORMATION (Physical Data)					
1.1	M.L.No.		1538			
1.2	Area		206.354 (Ha)			
1.3	Lease Validity		50 year			
1.4	Date of Commissioning of Mines		11.08.2023			
1.5	Production		2.502 Million Tonnes/Annum (ROM)			
2	DYNAMIC PARAMETER					
2.1	Ambient Air Quality					
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -CORE ZONE			
			Near Mine Office			
PM _{2.5}	60		25.5			
PM ₁₀	100		59.7			
SO ₂	80		6.3			
NO ₂	80		14.2			
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE			
			Near Gandhi Colony -Nayagaon			
PM _{2.5}	60		24.6			
PM ₁₀	100		57.3			
SO ₂	80		3.7			
NO ₂	80		9.4			
2.2	Vibration due to Blasting (Max Value of the Quarter)					
	Peak Particle velocity at 1.673 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	NA	NA	NA	NA	NA	
2.4	Greenbelt / Plantation (As on date)					
Year	upto 2024-25	Upto September		October to December 2025	Cumulative	Remarks
No. of Trees Planted	6022.00	1000		0	7022.00	
Area (Hect.) under Plantation	4.7			0	4.70	