

JK CEMENT LIMITED					
(Unit: JK Cement Works- Nimbahera)					
Nayagaon & Chenpura Limestone Mine (M.L. Area 206.354 Ha.)					
KEY ENVIRONMENTAL PARAMETERS					July 2025 to September 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		32.6		
PM ₁₀	100		65.1		
SO ₂	80		5.4		
NO ₂	80		19.4		
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE		
			Near Gandhi Colony -Nayagaon		
PM _{2.5}	60		26.9		
PM ₁₀	100		54.1		
SO ₂	80		8.8		
NO ₂	80		10.6		
2.2	Vibration due to Blasting (Max Value of the Quarter)				
	Peak Particle velocity at 2.589 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	April 2025 to June 2025		July to September 2025	Cumulative
No. of Trees Planted	6022.00	1000			7022.00
Area (Hect.) under Plantation	4.7				4.70