

JK CEMENT LIMITED				
(Unit: JK Cement Works- Nimbahera)				
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)				
KEY ENVIRONMENTAL PARAMETERS				April-2025 to June - 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	34.3	35.9	
PM ₁₀	100	67.2	62.1	
SO ₂	80	8.9	8.7	
NO ₂	80	10.7	10.3	
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -BUFFER ZONE		
		Pipaliya Gadia Village	Maliakhera Village	
PM _{2.5}	60	24.8	28.8	
PM ₁₀	100	55.1	59.1	
SO ₂	80	9.6	10.6	
NO ₂	80	14.5	18.9	
2.2	Vibration due to Blasting (Max Value of the Quarter)			
Peak Particle velocity at 3.217 mm/Second				
2.3	Quality of Discharge Water			
Parameters	pH	TSS (mg/l)	O & G (mg/l)	BOD (mg/l)
Actual Value	7.24	40	3.6	19.8
2.4	Greenbelt / Plantation (As on date)			
Year	upto 2024-25	April 2025 to June 2025		Cumulative
No. of Trees Planted	105484	675		106159.000
Area (Hect.) under Plantation	45.105	0.15		45.255