

JK CEMENT LIMITED					
(Unit: JK Cement Works- Nimbahera)					
Karunda Limestone Mine (M.L. Area 240.86 Ha.)					
KEY ENVIRONMENTAL PARAMETERS				July -2025 to September - 2025	
1	STATIC INFORMATION (Physical Data)				
1.1	M.L.No.		03/2003		
1.2	Area		240.86		
1.3	Lease Validity		12.12.2034		
1.4	Date of Commissioning of Mines		13.12.1984		
1.5	Production		3.4 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	14.1		16.9	
PM ₁₀	100	31.3		39.3	
SO ₂	80	4.3		7.9	
NO ₂	80	16.9		19.7	
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -BUFFER ZONE			
		Charlia Gadia Village		Karunda Village	
PM _{2.5}	60	12.8		17.3	
PM ₁₀	100	28.6		39.4	
SO ₂	80	2.9		4.1	
NO ₂	80	9		13.4	
2.2	Vibration due to Blasting (Max Value of the Quarter)				
	Peak Particle velocity at 3.438 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	Remarks
No. of Trees Planted	83511	700	2450	86661	
Area (Hect.) under Plantation	32.64	0.15	1.12	33.91	