

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Karunda Limestone Mine (M.L. Area 240.86 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					Jul.2024 to Sept.2024	
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		3.8 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	34.94		34.62	
	PM ₁₀	100	67.17		66.87	
	SO ₂	80	6.19		6.57	
	NO ₂	80	11.29		9.80	
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE			
			Charlia Gadia Village		Karunda Village	
	PM _{2.5}	60	29.81		28.81	
	PM ₁₀	100	59.37		57.41	
	SO ₂	80	6.18		6.13	
	NO ₂	80	7.81		7.55	
2.2	Vibration due to Blasting (Max Value of the Quarter)					
	Peak Particle velocity at 2.526 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 2023-24	April 2024 to June 2024	July 2024 to Sept 2024		Cumulative	Remarks
No. of Trees Planted	79711	20	3755		83486.00	
Area (Hect.) under Plantation	32.64				32.64	