

JK CEMENT LIMITED				
(Unit: JK Cement Works- Nimbahera)				
Karunda Limestone Mine (M.L. Area 240.86 Ha.)				
KEY ENVIRONMENTAL PARAMETERS				April 2024 to June 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	30.59	30.91
	PM ₁₀	100	63.61	53.10
	SO ₂	80	BDL(<6)	BDL(<6)
	NO ₂	80	12.17	9.47
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -BUFFER ZONE		
		Charlia Gadia Village	Karunda Village	
	PM _{2.5}	60	27.43	22.81
	PM ₁₀	100	47.57	42.55
	SO ₂	80	BDL(<6)	BDL(<6)
	NO ₂	80	6.77	7.64
2.2	Vibration due to Blasting (Max Value of the Quarter)			
	Peak Particle velocity at 2.996 mm/Second			
2.3	Quality of Discharge Water			
Parameters	pH	TSS (mg/l)	O & G (mg/l)	BOD (mg/l)
Actual Value	NA	NA	NA	NA
2.4	Greenbelt / Plantation (As on date)			
Year	upto 2023-24	April 2024 to June 2024		Cumulative
No. of Trees Planted	79711	20		79731.00
Area (Hect.) under Plantation	32.64			32.64