

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					Jul.2024 to Sept.2024	
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		35.25		37.37	
PM ₁₀	100		69.09		67.03	
SO ₂	80		6.15		6.18	
NO ₂	80		10.23		10.98	
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE			
			Pipaliya Gadia Village		Maliakhera Village	
PM _{2.5}	60		31.62		28.31	
PM ₁₀	100		57.41		54.22	
SO ₂	80		6.2		6.21	
NO ₂	80		9.12		6.86	
2.2	Vibration due to Blasting (Max Value of the Quarter)					
	Peak Particle velocity at 3.030 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	7.59	46	4	17.4		121.4
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	100718	120	4560		105398.00	
Area (Hect.) under Plantation	39.385				39.39	