

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					Oct. -2024 to Dec . - 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		32.79		32.59	
PM ₁₀	100		55.62		59.7	
SO ₂	80		6.15		7	
NO ₂	80		9.48		11.24	
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE			
			Pipaliya Gadia Village		Maliakhera Village	
PM _{2.5}	60		32.59		30.14	
PM ₁₀	100		61.46		56.89	
SO ₂	80		7.63		7.01	
NO ₂	80		10.02		8.85	
2.2	Vibration due to Blasting (Max Value of the Quarter)					
Peak Particle velocity at 2.348 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	7.19	44	4	16.8	130.1	
2.4	Greenbelt / Plantation (As on date)					
Year	upto 2023-24	April 2024 to June 2024	July 2024 to Sept 2024	Oct 2024 to Dec 2024	Cumulative	Remarks
No. of Trees Planted	100718	120	4560	40	105438.00	
Area (Hect.) under Plantation	39.385				39.39	