

JK CEMENT LIMITED					
(Unit: JK Cement Works- Nimbahera)					
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)					
KEY ENVIRONMENTAL PARAMETERS				April 2024 to June 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		30.21	29.63	
PM ₁₀	100		62.76	61.27	
SO ₂	80		BDL (< 6)	BDL (< 6)	
NO ₂	80		9.52	11.77	
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE		
			Pipaliya Gadia Village	Maliakhera Village	
PM _{2.5}	60		28.13	30.88	
PM ₁₀	100		50.32	56.17	
SO ₂	80		BDL (< 6)	BDL (< 6)	
NO ₂	80		8.29	7.73	
2.2	Vibration due to Blasting (Max Value of the Quarter)				
	Peak Particle velocity at 2.566 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	7.51	42	4	16.8	114.6
2.4	Greenbelt / Plantation (As on date)				
Year	upto 2023-24	April 2024 to June 2024		Cumulative	Remarks
No. of Trees Planted	100718	120		100838.00	
Area (Hect.) under Plantation	39.385			39.39	