

J K CEMENT LIMITED – KAKRA-PANNA LIMESTONE MINE					
KEY ENVIRONMENTAL PARAMETERS			DATE- 05.07.2024		
1	STATIC INFORMATION (Physical Data)				
1.1	Mining MINE CODE	38MPR420002			
1.2	Area	1594.34 Hect.			
1.3	Lease Duration	50 years			
1.4	Date of Execution	23.09.2020			
1.5	Production capacity	7.61 Million tonne per annum			
2	DYNAMIC PARAMETER (Period: Apr-2024 to June-2024)				
2.1	Ambient Air Quality Monitoring Results				
Core Zone					
Parameters	Permissible Limit (µg/m ³)	Location			
		Near Kakra Mine office	Near Security Office	Near Kamtana CAAQMS Kakra Mine Lease Area	
PM 2.5	60	28.16	32.36	29.36	
PM 10	100	53.98	62.21	58.14	
SO ₂	80	8.82	9.20	9.72	
NO ₂	80	19.02	17.05	16.26	
Buffer Zone					
Parameters	Permissible Limit (µg/m ³)	Location			
		Saptai village	Kamtana Village	Pagra Viillage	Sotipura Village
PM 2.5	60	29.14	27.04	29.66	28.15
PM 10	100	55.63	51.64	56.63	53.75
SO ₂	80	8.82	10.43	7.62	8.80
NO ₂	80	15.30	16.54	15.73	14.91
2.2	Vibration due to Blasting				
	Average Peak Particle velocity at 300 M		2.15 mm/sec		
2.3 Quality of Discharge Water					
	TDS, DO, PH, total suspended solids (TSS)		NO DISCHARGE		
2.4	Greenbelt / Plantation details				
	2024-25 (Apr'24 to June '24)		Cumulative		Remarks
No. of Trees Planted	1879		6852		
Area (Ha.) under Plantation	0.75		2.74		