

J K CEMENT LIMITED – KAKRA-PANNA LIMESTONE MINE					
KEY ENVIRONMENTAL PARAMETERS				DATE- 08.10.2025	
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: July-2025 to September-2025)				
2.1	Ambient Air Quality Monitoring Results				
Core Zone					
Parameters	Permissible Limit (µg/m3)	Location			
		Near Kakra Mine office	Near Security Office	Near Kamtana CAAQMS Kakra Mine Lease Area	
PM 2.5	60	14.53	13.86	13.57	
PM 10	100	24.50	23.11	23.27	
SO2	80	6.36	6.66	6.45	
NO2	80	12.32	13.03	13.42	
Buffer Zone					
Parameters	Permissible Limit (µg/m3)	Location			
		Purena village	Kamtana Village	Pagra Village	Sotipura Village
PM 2.5	60	9.27	19.26	12.79	10.43
PM 10	100	16.55	34.39	22.85	19.63
SO2	80	4.52	6.87	5.20	5.06
NO2	80	10.10	14.86	8.62	9.96
2.2	Vibration due to Blasting				
	Average Peak Particle velocity at 300 M			3.265 mm/sec	
2.3 Quality of Discharge Water					
COD,TDS, DO, PH & Total suspended solids (TSS)	Kakra Mine Pit-1 Water Discharge				
	COD (mg/l)	TDS (mg/l)	DO (mg/l)	pH (mg/l)	TSS (mg/l)
	58	384	5.6	7.57	43
2.4	Greenbelt / Plantation details				
2025-26	Apr'25 to June '25	July'25 to Sep '25	Cumulative		Remarks
No. of Trees Planted	10662	19524	61520		
Area (Ha.) under Plantation	4.27	7.72	24.61		