

J K CEMENT LIMITED – KAKRA-PANNA LIMESTONE MINE					
KEY ENVIRONMENTAL PARAMETERS				DATE- 05.10.2024	
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: Jul-2024 to Sep-2024)				
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	18.36	20.42	18.26	
PM 10	100	33.01	36.83	32.52	
SO2	80	8.12	8.23	8.29	
NO2	80	17.78	18.43	16.59	
Buffer Zone					
Parameters	Permissible Limit (µg/m3)	Location			
		Purena village	Kamtana Village	Pagra Viilage	Sotipura Village
PM 2.5	60	18.58	16.62	19.09	17.66
PM 10	100	32.00	28.01	33.05	30.12
SO2	80	7.64	7.42	7.34	7.95
NO2	80	15.30	16.54	15.73	14.91
2.2	Vibration due to Blasting				
	Average Peak Particle velocity at 300 M			2.431 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)
	45	385	5.2	7.41	70
2.4	Greenbelt / Plantation details				
	2024-25 (Jul'24 to Sep '24)		Cumulative		Remarks
No. of Trees Planted	24482		31334		
Area (Ha.) under Plantation	9.79		12.54		