

J K CEMENT LIMITED – KONI-SIMARIYA LIMESTONE MINE							
KEY ENVIRONMENTAL PARAMETERS				DATE- 08.04.2025			
1	STATIC INFORMATION (Physical Data)						
1.1	Mining MINE CODE			38MPR420001			
1.2	Area			3095.23 Hect.			
1.3	Lease Duration			50 years			
1.4	Date of Execution			26.11.2020			
1.5	Production capacity			9.05 Million tonne per annum			
2	DYNAMIC PARAMETER (Period: Jan-2025 to Mar-2025)						
2.1	Ambient Air Quality Monitoring Results						
Core Zone							
Parameters	Permissible Limit (µg/m3)	Location					
		Near CAAQMS (Mine site)		Near Mine Office		Near Mine Pit-1	
PM 2.5	60	31.61		32.33		32.37	
PM 10	100	55.43		56.69		56.75	
SO2	80	7.10		6.42		7.14	
NO2	80	16.30		15.45		14.76	
Buffer Zone							
Parameters	Permissible Limit (µg/m3)	Location					
		Kolkaraiya Village	Tighara Village	Boda Village	Purwa Village	Ganiyari Village	Simariya Village
PM 2.5	60	28.37	29.24	31.54	29.85	31.13	30.57
PM 10	100	52.04	53.64	57.86	54.76	56.98	55.85
SO2	80	6.94	7.23	6.33	7.97	7.53	8.12
NO2	80	14.69	15.72	15.22	14.89	13.96	15.71
2.2	Vibration due to Blasting						
	Average Peak Particle velocity at 300 M			2.041 mm/sec			
2.3 Quality of Discharge Water							
COD,TDS, DO, pH& Total suspended solids (TSS)		Koni Mine Pit Water Discharge					
		Koni Mines	COD (mg/l)	TDS (mg/l)	DO (mg/l)	pH (mg/l)	TSS (mg/l)
		Mine Pit-1	36	420	5.6	7.42	38
		Mine Pit-2	30	450	6.1	7.46	32
2.4	Greenbelt / Plantation details						
FY: 2024-25	(Apr'24 to Jun '24)	(Jul'24 to Sep '24)	Oct-24 to Dec-24	Jan-25 to Mar-25	Cumulative	Remarks	
No. of Trees Planted	4464	27736	0	0	52956		
Area (Ha.) under Plantation	1.79	11.09	0.0	0.0	23.55		