

J K CEMENT LIMITED – KONI-SIMARIYA LIMESTONE MINE							
KEY ENVIRONMENTAL PARAMETERS				DATE- 05.10.2024			
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: July-2024 to Sep-2024)						
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	19.02	20.97		20.32		
PM 10	100	33.69	36.10		36.01		
SO2	80	7.96	7.47		7.70		
NO2	80	16.97	16.32		17.01		
Buffer Zone							
Parameters	Permissible Limit (µg/m3)	Location					
		Kolkaraiya Village	Tighara Village	Boda Village	Purwa Village	Ganiyari Village	Simariya Village
PM 2.5	60	16.95	17.85	20.28	18.51	22.04	18.44
PM 10	100	29.41	31.00	35.23	32.13	38.29	32.02
SO2	80	7.31	7.15	7.38	6.99	7.58	7.76
NO2	80	15.87	15.83	16.64	14.82	15.65	16.62
2.2	Vibration due to Blasting						
	Average Peak Particle velocity at 300 M			2.442 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	42	420	5.8	7.53	72
		Mine Pit-2	30	395	6.8	7.48	65
2.4	Greenbelt / Plantation details						
	2024-25 (Jul'24 to Sep '24)		Cumulative			Remarks	
No. of Trees Planted	27736		52956				
Area (Ha.) under Plantation	11.0944		23.55				