

J K CEMENT LIMITED – KONI-SIMARIYA LIMESTONE MINE							
KEY ENVIRONMENTAL PARAMETERS				DATE- 05.07.2024			
<b>1</b>	<b>STATIC INFORMATION (Physical Data)</b>						
1.1	Mining MINE CODE			38MPR420001			
1.2	Area			<b>3095.23 Hect.</b>			
1.3	Lease Duration			50 years			
1.4	Date of Execution			26.11.2020			
1.5	Production capacity			9.05 Million tonne per annum			
<b>2</b>	<b>DYNAMIC PARAMETER (Period: Apr-2024 to June-2024)</b>						
<b>2.1</b>	<b>Ambient Air Quality Monitoring Results</b>						
<b>Core Zone</b>							
Parameters	Permissible Limit (µg/m3)	Location					
		Near CAAQMS (Mine site)	Near Mine Office		Near Mine Pit-1		
PM 2.5	60	29.75	30.16		30.75		
PM 10	100	57.09	61.40		59.00		
SO2	80	9.15	8.04		8.78		
NO2	80	15.88	16.88		18.25		
<b>Buffer Zone</b>							
Parameters	Permissible Limit (µg/m3)	Location					
		Kolkaraiya Village	Tighara Village	Boda Village	Purwa Village	Ganiyari Village	Simariya Village
PM 2.5	60	28.02	31.27	29.66	32.92	31.27	30.26
PM 10	100	52.16	58.20	55.20	61.26	58.19	56.62
SO2	80	9.00	8.12	8.33	7.10	9.01	7.75
NO2	80	15.76	14.38	15.60	13.65	15.64	15.58
<b>2.2</b>	<b>Vibration due to Blasting</b>						
	Average Peak Particle velocity at 300 M			<b>1.68 mm/sec</b>			
<b>2.3 Quality of Discharge Water</b>							
	TDS, DO, PH, total suspended solids (TSS)			NO DISCHARGE			
<b>2.4</b>	<b>Greenbelt / Plantation details</b>						
	2024-25 (Apr'24 to Jun '24)		Cumulative			Remarks	
<b>No. of Trees Planted</b>	4464		25220				
<b>Area (Ha.) under Plantation</b>	1.79		12.46				