

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera )						
Maliakhera Limestone Mine (M.L. Area 315.409 Ha.)						
KEY ENVIRONMENTAL PARAMETERS			January 2026 to March 2026			
<b>1</b>	<b>STATIC INFORMATION (Physical Data)</b>					
1.1	M.L.No.		04/2003			
1.2	Area		315.409 (Ha)			
1.3	Lease Validity		12.12.2034			
1.4	Date of Commissioning of Mines		15.04.1986			
1.5	Production		5.6 Million Tonnes/Annum			
<b>2</b>	<b>DYNAMIC PARAMETER</b>					
2.1	<b>Ambient Air Quality</b>					
<b>Monitored Parameters</b>	<b>Permissible Limits (µg/m³)</b>	<b>Monitoring Locations -CORE ZONE</b>				
		<b>Near Mine Office</b>		<b>Near Ravana Office</b>		
<b>PM<sub>2.5</sub></b>	<b>60</b>	<b>30.2</b>		<b>32.2</b>		
<b>PM<sub>10</sub></b>	<b>100</b>	<b>64.8</b>		<b>68</b>		
<b>SO<sub>2</sub></b>	<b>80</b>	<b>8.5</b>		<b>8.9</b>		
<b>NO<sub>2</sub></b>	<b>80</b>	<b>16.2</b>		<b>17.5</b>		
<b>Monitored Parameters</b>	<b>Permissible Limits (µg/m³)</b>	<b>Monitoring Locations -BUFFER ZONE</b>				
		<b>Pipaliya Gadia Village</b>		<b>Maliakhera Village</b>		
<b>PM<sub>2.5</sub></b>	<b>60</b>	<b>30.9</b>		<b>28.6</b>		
<b>PM<sub>10</sub></b>	<b>100</b>	<b>65.8</b>		<b>60.4</b>		
<b>SO<sub>2</sub></b>	<b>80</b>	<b>6.6</b>		<b>7.2</b>		
<b>NO<sub>2</sub></b>	<b>80</b>	<b>14.6</b>		<b>14.3</b>		
2.2	<b>Vibration due to Blasting (Max Value of the Quarter)</b>					
Peak Particle velocity at 3.427 mm/Second						
2.3	<b>Quality of Discharge Water</b>					
Parameters	<b>pH</b>	<b>TSS (mg/l)</b>	<b>O &amp; G (mg/l)</b>	<b>BOD (mg/l)</b>	<b>COD (mg/l)</b>	
Actual Value	7.29	54	2.4	20	98	
2.4	<b>Greenbelt / Plantation (As on date)</b>					
Year	<b>upto 2024-25</b>	<b>Upto December 2025</b>		<b>January 2026 to March 2026</b>	<b>Cumulative</b>	<b>Remarks</b>
No. of Trees Planted	105484	3310		475	109269.000	
Area (Hect.) under Plantation	45.105	1.20		0.31	46.615	