

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

KEY ENVIRONMENTAL PARAMETERS

Quarter Q-1st (April-June'2023)

Date: 12/07/2023

1	STATIC INFORMATION (Physical Data)									
1.1	M. L. No.					26 / 08				
1.2	Area					132 Hectare				
1.3	Lease Duration					valid upto 03.05.2062				
1.4	Date of Commissioning					04.05.2012				
1.5	Production Capacity					1.5 MMTPA				
2	DYNAMIC PARAMETER									
2.1	Ambient Air Quality									
Parameters	Permissible Limit	LOCATION (Actual Value)								
		Towards Factory Gate		Near Ravana Office		3 to 10 Meter Distance From Drilling Operation (SPM Limit- 600 µg/m3)		Near loading point		
		Max	Min	Max	Min	Max	Min	Max	Min	
		SPM	500	NA	NA	NA	NA	430.0	358.0	365.0
PM 10	100	71.7	67.6	76.8	72.9	NA	NA	NA	NA	
PM 2.5	60	35.9	24.4	34.0	28.5	NA	NA	NA	NA	
NOx	80	23.4	19.3	22.5	12.4	26.0	19.0	29.0	17.0	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 300 mtr is 2.265 mm/sec.									
2.3	Quality of Discharge Water									
	No water discharge from mines									
2.4	Greenbelt / Plantation (Within Lease Area)									
Year	FY 2023-24					Cummulative (2005 - 2023)				
No. of Tree Planted within lease	0					20348				
Area (hect.) under Plantation	0					11.39				
Greenbelt / Plantation (Outside Lease Area)										
Year	FY 2023-24					Cummulative (2005 - 2023)				
No. of Tree Planted outside lease	0					3020				
Area (hect.) under Plantation	0					2.02				