

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date: 06/07/2021

KEY ENVIRONMENTAL PARAMETERS

Quarter Q - 1 (April 2021-June 2021)

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	426.0	397.0	438.0	406.0
PM 10	100	50.4	40.2	63.0	43.8	NA	NA	NA	NA
PM 2.5	60	36.7	32.0	38.5	35.1	NA	NA	NA	NA
NOx	80	31.7	23.4	37.9	30.4	37.5	29.3	41.8	28.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.91 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year		FY 2021-22			Cumulative (2010 - 21) upto March 2021				
No. of Tree Planted within		0			13600				
Area (hect.) under		0			5.45				
Greenbelt / Plantation (Outside Lease Area)									
Year		FY 2021-22			Cumulative (2010 - 21) upto March 2021				
No. of Tree Planted within		0			3020				
Area (hect.) under		0			2.02				