

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date: 18/07/2022

KEY ENVIRONMENTAL PARAMETERS

Quarter Q-1, FY 022-23 (April-June)

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	432.0	278.0	388.0	271.0
PM 10	100	60.2	46.5	54.1	51.9	NA	NA	NA	NA
PM 2.5	60	45.6	30.4	36.6	32.4	NA	NA	NA	NA
NOx	80	25.3	15.1	28.3	17.0	27.2	13.4	28.4	21.2
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.53 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	FY 2021-22 till 31.03.2022					Cummulative (2010 - 21) upto March 2021			
No. of Tree Planted within lease	5750					13600			
Area (hect.) under Plantation	2.20(including gap filling)					5.45			
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2021-22 till 31.03.2022					Cummulative (2010 - 21) upto March 2021			
No. of Tree Planted within lease	0					3020			
Area (hect.) under Plantation	0					2.02			