

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date: 18/01/2022

KEY ENVIRONMENTAL PARAMETERS
Quarter Q-3 (October-December'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	449.0	339.0	364.0
PM 10	100	54.2	25.5	70.2	31.8	NA	NA	NA	NA	
PM 2.5	60	40.0	20.5	31.4	28.8	NA	NA	NA	NA	
NOx	80	28.6	25.0	36.9	24.8	32.5	25.9	36.9	21.2	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 300 mtr is 2.95 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 30.09.2021					Cummulative (2010 - 21) upto March 2021				
No. of Tree Planted within lease	5500					13600				
Area (hect.) under Plantation	0.8 (including gap filling)					5.45				
Greenbelt / Plantation (Outside Lease Area)										
Year	FY 2021-22 till 30.09.2021					Cummulative (2010 - 21) upto March 2021				
No. of Tree Planted within lease	0					3020				
Area (hect.) under Plantation	0					2.02				

