

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date :13.07.2019

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 1 (From April 2019 - June 2019)

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	381.0	376.0	386.0
PM 10	100	52.7	51.7	70.0	68.6	NA	NA	NA	NA	
PM 2.5	60	35.0	33.8	50.3	48.6	NA	NA	NA	NA	
NOx	80	25.8	23.4	25.7	25.0	26.5	26.0	26.0	25.4	
2.2	Vibration due to Blasting (max Value of the Quarter)									
	Peak particle velocity at 300 mtr is 3.46 mm/sec.									
2.3	Quality of Discharge Water									
	No water discharge from mines									
2.4	Greenbelt / Plantation (Within Lease Area)									
Year	2018-19					Cummulative (2010 - 18) upto 31st March 2018				
No. of Tree Planted within lease	1195					5255				
Area (hect.) under Plantation	0.72					3.48				