

MANGROL - TILAKHERA LIMESTONE MINES**M/s J. K. Cement Works**

Date: 06/07/2021

KEY ENVIRONMENTAL PARAMETERS**Quarter Q - 1 (April-June'2021)**

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.				7/97				
1.2	Area				299.20 Hectare				
1.3	Lease Duration				Valid upto 31.03.2030				
1.4	Date of Commissioning				09.05.1978				
1.5	Production Capacity				2.4 MMTPA				
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	LOCATION (Actual Value)							
		Near Mine Office		Near Ravana Office		3 to10 Meter Distance		Near loading point	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	424.0	409.0	456.0	421.0
PM 10	100	51.3	47.3	57.7	54.6	NA	NA	NA	NA
PM 2.5	60	33.3	30.4	36.6	34.8	NA	NA	NA	NA
NOx	80	24.3	21.2	28.6	22.4	29.3	23.2	33.1	22.9
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 4.442 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year		FY 2021-22			Cummulative (2005 - 21) upto March 2021				
No. of Tree Planted within		0			24608				
Area (hect.) under		0			17.31				
Greenbelt / Plantation (Outside Lease Area)									
Year		FY 2021-22			Cummulative (2005 - 21) upto March 2021				
No. of Tree Planted within		0			26796				
Area (hect.) under		0			5				