

MANGROL - TILAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date: 12/07/2023

KEY ENVIRONMENTAL PARAMETERS

Quarter Q-1st (April-June'2023)

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	405.0	381.0	424.0	330.0
PM 10	100	81.0	71.5	71.4	68.8	NA	NA	NA	NA
PM 2.5	60	31.0	25.7	38.3	24.1	NA	NA	NA	NA
NOx	80	24.4	14.3	26.4	18.1	24.3	21.5	25.1	22.3
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.773 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt/Plantation (Within Lease Area)								
Year	FY 2023-24				Cummulative (2005 - 2023)				
No. of Tree Planted within lease	0				65739				
Area (hect.) under Plantation	0				27.148				
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2023-24				Cummulative (2005 - 2023)				
No. of Tree Planted outside lease	0				26796				
Area (hect.) under Plantation	0				5				