

MANGROL - TILAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date: 05.10.2019

KEY ENVIRONMENTAL PARAMETERS**Quarter Q - 2 (July 2019 - Sept 2019)**

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				1.6 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	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	374.0	343.0	293.0	272.0
PM 10	100	38.0	30.5	50.0	44.0	NA	NA	NA	NA
PM 2.5	60	25.9	19.7	31.0	29.5	NA	NA	NA	NA
NOx	80	20.9	17.4	22.5	21.3	25.0	23.2	21.1	19.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.97 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation								
Year	2018-19				2005-18				
No. of Tree Planted within lease	1890				40145				
Area (hect.) under Plantation	1				14.11				