MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date :12.01.2019

KEY ENVIRONMENTAL PARAMETERS

Quarter Q - 3 (From October 2018 - December 2018)

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	379.5	274.8	432.9	375.8	453.5	387.4	420.3	361.7
PM 10	100	43.1	33.6	53.4	44.6	56.5	44.7	52.4	37.5
NOx	80	29.5	19.4	26.3	20.1	27.9	18.9	25.2	17.3

2.2	**Vibration due to Blasting (max Value of the Quarter)**
	Peak particle velocity at 300 mtr is 2.85 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