

**MONTH – April 2015**

**AMBIENT AIR MONITORING REPORT**

Monitoring Station	Avg. PM <sub>10</sub> (µg/m <sup>3</sup> )	Avg. PM <sub>2.5</sub> (µg/m <sup>3</sup> )	Avg. SO <sub>2</sub> (µg/m <sup>3</sup> )	Avg. NO <sub>x</sub> (µg/m <sup>3</sup> )	Avg. CO (µg/m <sup>3</sup> )
Khairtal Village	40.8	30.6	8.6	10.9	BDL
Kukurdihi Village	44.6	32.4	9.1	11	BDL
Guest House	47.1	33.6	9.6	11.8	BDL
Water Treatment Plant	59.8	40.5	11.2	12.7	BDL
Mines Field Office	60.1	41.6	12.5	13.1	BDL
Railway Operation	62.4	39.8	11.9	12.4	BDL

**BDL: Below Detectable level**

**STACK MONITORING REPORT**

Monitoring Station	Particulate Matter (mg/Nm <sup>3</sup> )
Kiln Stack (Line- 1)	6.4
Crusher Stack (Line- 1)	9.5
Cooler (Line- 1)	20.2
Coal Mill (Line- 1)	21.8
Cement Mill – 1	26.1
Cement Mill – 2	7
Cement VRPM stack	18.8
Cement Mill- 3	9.7
Kiln Stack (Line- 2)	4.9
Crusher Stack (Line- 2)	17.2
Coal Mill (Line- 2)	26.9
Cooler (Line- 2)	7.3
DG – 04 MW	Didn't Run in the month
DG – 10 MW	Didn't Run in the month
TPP- 15 MW (Old)	32.7
TPP- 33 MW	26.2
TPP- 15 MW (New)	20.9

**AMBIENT NOISE LEVEL REPORT**

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	66.3	65.9
Colony	47.1	46.7
Near Old CCR Building	67.3	66.8
Near New CCR Building	69.1	68.6
Mines Field Office	68.9	68.4
Mines Office	55.4	54.9
TPP area	67.9	67.4
Main office	65.1	64.7

**WATER QUALITY REPORT**

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.83	26	14	Nil	27	552	
Mines Work Shop (treated)	7.95	24	12	1.8	28	498	
TPP DM Plant back wash (RO installed)	5.12	Nil	Nil	Nil	0	7	

**Note: All parameters are in mg/lt except pH.**