

MONTH –April-2017

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM ₁₀ (µg/m ³)	Avg. PM _{2.5} (µg/m ³)	Avg. SO ₂ (µg/m ³)	Avg. NO _x (µg/m ³)	Avg. CO (µg/m ³)
Khairtal Village	50.5	21	3.34	15.4	BDL
Kukurdihi Village	55.5	24.1	5.29	28.6	BDL
Guest House	52.9	30.5	6.79	28.5	BDL
Water Treatment Plant	61.1	25.8	6.14	22.4	BDL
Mines Field Office	69.2	31.3	27.9	36.5	BDL
Railway Operation	57.5	21.8	3.65	19.5	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	21.4
Crusher Stack (Line- 1)	21.4
Cooler (Line- 1)	21.6
Coal Mill (Line- 1)	21.9
Cement Mill – 1	23.2
Cement Mill – 2	28.5
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	22.1
Kiln Stack (Line- 2)	17.1
Crusher Stack (Line- 2)	27.3
Coal Mill (Line- 2)	24.2
Cooler (Line- 2)	11.7
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	43.9
TPP- 33 MW	42.6
TPP- 15 MW (New)	35.6

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	66.9	59.3
Colony	51.3	46.7
Near Old CCR Building	72.3	69.7
Near New CCR Building	72.3	68.4
Mines Field Office	67.4	51.7
Mines Office	63.4	52.7
TPP area	70.9	65.4
Main office	67.4	62.7

WATER QUALITY REPORT

	EFFLUENT QUALITY						
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	8.05	62.7	9	< 0.2	6	314	
Mines Work Shop (treated)	8.39	50.9	12	< 0.2	28	840	
TPP DM Plant back wash (RO installed)	7.3	11.8	< 2	< 0.2	< 2	74	

Note: All parameters are in mg/l except pH.