

MONTH –July-2017

AMBIENT AIR MONITORING REPORT

Monitoring Station	Avg. PM₁₀ (µg/m³)	Avg. PM_{2.5} (µg/m³)	Avg. SO₂ (µg/m³)	Avg. NOx (µg/m³)	Avg. CO (µg/m³)
Khairtal Village	43.3	18.1	< 6	11.8	BDL
Kukurdihi Village	47.6	21.4	6.7	12.5	BDL
Guest House	44.3	19.5	6.01	12.5	BDL
Water Treatment Plant	40.7	15.8	6.18	14.2	BDL
Mines Field Office	45.6	19.8	6.71	15.4	BDL
Railway Operation	37.9	15.6	<6	12.4	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm3)
Kiln Stack (Line- 1)	6.55
Crusher Stack (Line- 1)	18.5
Cooler (Line- 1)	23.2
Coal Mill (Line- 1)	26.3
Cement Mill – 1	21.6
Cement Mill – 2	24.1
Cement VRPM stack	Didn't Run in the month
Cement Mill- 3	18.8
Kiln Stack (Line- 2)	12.6
Crusher Stack (Line- 2)	24.6
Coal Mill (Line- 2)	25.1
Cooler (Line- 2)	11.2
DG – 04 MW	Didn't Run in the month
TPP- 15 MW (Old)	41
TPP- 33 MW	33.1
TPP- 15 MW (New)	37.5

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)	
	Day Time (dB)	Night Time (dB)
Plant Canteen Area	61.5	60.4
Colony	54.2	39.8
Near Old CCR Building	67.1	58.9
Near New CCR Building	67.6	68
Mines Field Office	68.6	61.2
Mines Office	65.9	55.7
TPP area	68.8	64.9
Main office	63.5	62

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.34	64	8	< 0.2	8	508	
Mines Work Shop (treated)	8.58	44	6.8	< 0.2	4	378.9	
TPP DM Plant back wash (RO installed)	8.05	12	<2	< 0.2	< 2	106.8	

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