

MONTH – November 2014

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	34.1	21.2	7.9	8.3	BDL
Kukurdiyh Village	36.2	18.2	8.2	8.3	BDL
Guest House	40.5	26.6	9.1	10.6	BDL
Water Treatment Plant	46.1	28.1	8.3	9.3	BDL
Mines Field Office	42.0	28.6	8.0	10.5	BDL
Railway Operation	45.0	30.2	10.6	11.9	BDL

BDL: Below Detectable level

STACK MONITORING REPORT

Monitoring Station	Particulate Matter (mg/Nm ³)
Kiln Stack (Line- 1)	8.8
Crusher Stack (Line- 1)	29
Cooler (Line- 1)	19.5
Coal Mill (Line- 1)	17.4
Cement Mill – 1	29.7
Cement Mill – 2	5.3
Cement VRPM stack	Didn't run in the month
Cement Mill- 3	38.5
Kiln Stack (Line- 2)	6.1
Crusher Stack (Line- 2)	24.3
Coal Mill (Line- 2)	21
Cooler (Line- 2)	19.8
DG – 04 MW	Didn't run in the month
DG – 10 MW	Didn't run in the month
TPP- 15 MW (Old)	Didn't run in the month
TPP- 33 MW	31.4
TPP- 15 MW (New)	34.9

AMBIENT NOISE LEVEL REPORT

Location	Noise Level (dB)
Plant Canteen Area	61.6
Colony	48.0
Near CCR Building	69.1
Mines Field Office	65.8
Mines Office	59.0
TPP area	59.6
Main office	56.9

WATER QUALITY REPORT

EFFLUENT QUALITY							
	pH	COD	BOD	Oil & Grease	S.S.	TDS	Remark
STP (treated)	7.55	38	14	Nil	27	358	
Mines Work Shop (treated)	7.62	32	12	1.9	29	349	
TPP DM Plant back wash (RO installed)	4.96	Nil	Nil	Nil	0	37	

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