

**MONTH – May 2015**

**AMBIENT AIR MONITORING REPORT**

<b>Monitoring Station</b>	<b>Avg. PM<sub>10</sub> (µg/m<sup>3</sup>)</b>	<b>Avg. PM<sub>2.5</sub> (µg/m<sup>3</sup>)</b>	<b>Avg. SO<sub>2</sub> (µg/m<sup>3</sup>)</b>	<b>Avg. NO<sub>x</sub> (µg/m<sup>3</sup>)</b>	<b>Avg. CO (µg/m<sup>3</sup>)</b>
Khairtal Village	42.77	20.66	8.99	10.7	BDL
Kukurdihi Village	45.45	20.47	8.52	10.35	BDL
Guest House	53.93	22.42	8.89	12.04	BDL
Water Treatment Plant	59.92	31.25	11.34	12.83	BDL
Mines Field Office	65.93	30.77	11.48	14.07	BDL
Railway Operation	62.17	34.90	10.93	12.58	BDL

**BDL: Below Detectable level**

**STACK MONITORING REPORT**

<b>Monitoring Station</b>	<b>Particulate Matter (mg/Nm<sup>3</sup>)</b>
Kiln Stack (Line- 1)	6.2
Crusher Stack (Line- 1)	6.1
Cooler (Line- 1)	30.4
Coal Mill (Line- 1)	19.9
Cement Mill – 1	29.3
Cement Mill – 2	4.4
Cement VRPM stack	29.6
Cement Mill- 3	18.5
Kiln Stack (Line- 2)	5.6
Crusher Stack (Line- 2)	7.5
Coal Mill (Line- 2)	13.8
Cooler (Line- 2)	14
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	34.8
TPP- 15 MW (New)	34.2

**AMBIENT NOISE LEVEL REPORT**

<b>Location</b>	<b>Noise Level (dB)</b>	
	<b>Day Time (dB)</b>	<b>Night Time (dB)</b>
Plant Canteen Area	66.1	64.2
Colony	47.3	45.9
Near Old CCR Building	68.9	66.9
Near New CCR Building	68.8	66.8
Mines Field Office	69.7	68.4
Mines Office	55.5	53
TPP area	66.9	66
Main office	67	66.1

**WATER QUALITY REPORT**

<b>EFFLUENT QUALITY</b>							
	<b>pH</b>	<b>COD</b>	<b>BOD</b>	<b>Oil &amp; Grease</b>	<b>S.S.</b>	<b>TDS</b>	<b>Remark</b>
STP (treated)	7.12	56	28	Nil	38	890	
Mines Work Shop (treated)	7.29	30	8	Nil	2	633	
TPP DM Plant back wash (RO installed)	7.80	14	3	Nil	Nil	196	

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