

1. STACK EMISSION MONITORING RESULTS

(For the month of Dec- 2014)

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)						
		Weekly				Min. Value	Max. Value	Avg. Value
		I	II	III	IV			
A	Glass Bag House	18.2	17.6	38.8	18.8	17.6	38.8	23.3
B	Cooler ESP	18.1	17.7	22.9	24.3	17.7	24.3	21.6
C	Cement Mill ESP	36.2	19.0	27.2	20.9	19.0	36.2	25.8
D	Coal Mill B/F	23.5	25.75	29.8	33.7	23.5	33.7	27.76
E	Main Crusher B/F	24.5	31.16	22.5	34.85	22.5	34.85	26.06

* Plant under Maintenance

2. AMBIENT AIR QUALITY MONITORING RESULTS

2.(a) Monthly Average of PM2.5,PM10, SO2& NO2 of Manual Stations for the Month of Dec- 2014

S.No.	STATIONS	PARAMETERS											
		PM2.5 (µg/M ³)			PM10 (µg/M ³)			SO2 (µg/M ³)			NO2 (µg/M ³)		
		Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average
1	KHATA	30.56	50.93	39.80	75	90	83.17	4	7	5.57	8	12	9.29
2	DARLAGHAT	27.83	52.88	37.68	61.22	85	71.96	4	5	4.3	7	9	7.9
3	BAHAN	20.00	39.33	30.51	42.55	77.92	61.38	4	6	5.3	8	12	9.4
4	MINES DORMITORY	16.67	37.50	36.98	39.89	83.33	65.45	4	4	4	7	7	7
5	RATHOH	10.42	25.33	27.52	39	87	64	4	4	4	6	7	6.5
6	MANGOO	16.67	25.33	21.61	39.89	64.94	55.56	4	4	4	7	9	8.4
7	CHANDI	15	31.03	22.43	25.33	55.66	41.88	4	4	4	5	9	6.1
8	PACHEUR	18.18	33.61	26.63	45.83	70.65	60.89	4	5	4.8	8	12	9.1
9	RAURI	17.39	47.37	31.27	56.52	84.21	71.46	4	5	4.2	8	9	8.6
10	BATEDH	17.02	34.78	27.98	45	79.17	62.93	4	5	4.5	7	12	9



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of Dec-2014

S.No.	STATIONS	Lead, $\mu\text{g}/\text{m}^3$	Nickel, ng/m^3	Arsenic, ng/m^3	CO, mg/m^3
1	KHATA	N.D	N.D.	N.D.	0.687
2	DARLAGHAT	N.D.	N.D.	N.D.	1.3
3	BAHAN	N.D.	N.D.	N.D.	0.62
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.59
5	RATHOH	N.D.	N.D.	N.D.	0.70
6	MANGOO	N.D.	N.D.	N.D.	0.58
7	CHANDI	N.D.	N.D.	N.D.	0.59
8	PACHEUR	N.D.	N.D.	N.D.	0.65
9	RAURI	N.D.	N.D.	N.D.	0.59
10	BATEDH	N.D.	N.D.	N.D.	0.89

**3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of Dec-2014)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.4	40.2	312.6	4.6
	2	7.8	58.1	342.8	4.0
	3	7.6	50.9	335.1	4.7
	4	7.5	42.3	330.0	4.9
SECOND FORTNIGHT	1	7.2	42.1	320.4	4.9
	2	7.7	58.3	350.6	4.1
	3	7.5	40.9	335.2	5.0
	4	7.5	40.0	335.2	5.2

Sampling Points

1. 500 mts. upstream of First Nallah before joining Gyana Khad.
2. 500 mts. upstream of Second Nallah before joining Gyana Khad.
3. V- Notch Installed In Gyana Khad (SE side of ML Area)
4. 500 mts. downstream from V- notch of Gyana Khad.



4. SEWAGE WATER RECLAMATION PLANT

(Analysis Report – DEC—2014 Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	Ph	7.3	7.6	7.4	-
2.	BOD (5 Days at 20 Deg. C)	10	14	11.8	30 mg/Lit.
3.	Total Suspended Solids	12	14	12.67	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report-Dec-14

Station Name	Noise Level in dB(A)									
	1st Week		2nd Week		3rd Week		4th Week		Monthly Average	
	Day	Night	Day	Night	Day	Night	Day	Night	Day	Night
Colony Area	54.2	44.4	55.0	43.9	52.4	43.5	54.2	44.0	54.7	43.2
Inside Cooperative Stores	56.4	48.7	54.3	46.2	55.3	51.3	60.4	51.7	56.6	49.5
Petrol Pump	69.7	50.9	63.6	52.4	65.7	61.6	68.9	56.2	67.0	55.3
Main Gate (Near CSO's Office)	65.7	62.3	67.8	58.1	68.3	60.8	63.7	55.4	66.4	59.2
Inside CCR	63.7	54.6	54.3	45.7	70.1	62.4	58.4	49.8	61.6	53.1
Inside Mines Office	51.3	48.9	49.1	44.1	51.5	47.2	53.9	50.7	51.5	47.7
Kashlog Village	49.7	45.2	48.3	43.4	44.1	42.6	49.2	45.8	47.8	44.3
Magazine Section	50.3	44.6	50.2	43.6	49.1	45.2	48.5	46.5	49.5	45.0
Mines Reclaimed Area	52.1	47.3	50.8	47.2	52.4	48.1	51.6	47.2	51.7	47.5
Rathoh Village	49.0	45.7	49.1	43.8	52.6	45.9	50.6	46.1	50.3	45.4



Serve to Conserve

