

**1. STACK EMISSION MONITORING RESULTS****(For the month of August – 2015)**

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm <sup>3</sup> )						
		Weekly				Min. Value	Max. Value	Avg. Value
		I	II	III	IV			
A	Glass Bag House	17.1	19.2	17.8	16.5	16.5	19.2	17.66
B	Cooler ESP	42.8	37.8	35.6	26.5	26.5	42.8	35.7
C	Cement Mill ESP	*	*	*	*	*	*	*
D	Coal Mill B/F	40.3	31.4	23.9	36.3	23.9	40.3	31.87
E	Main Crusher B/F	37.9	29.89	40.58	28.6	28.6	40.58	36.13

**\* Unit was 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 August – 2015**

S.No.	STATIONS	PARAMETERS											
		PM2.5 (µg/M <sup>3</sup> )			PM10 (µg/M <sup>3</sup> )			SO2 (µg/M <sup>3</sup> )			NO2 (µg/M <sup>3</sup> )		
		Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average
1	KHATA	16.98	59.42	39.74	38.20	84.78	70.60	3.0	5.0	3.99	6.5	12.3	8.23
2	DARLAGHAT	14.04	46.95	27.21	32.77	83.33	49.54	3.0	7.5	4.51	9.0	15.5	10.80
3	BAHAN	20.83	37.99	30.35	33.77	54.17	45.48	3.3	6.0	4.41	7.6	13.4	10.96
4	MINES DORMITORY	18.18	33.33	26.18	26.60	59.10	40.07	3.0	5.1	4.44	8.0	11.0	9.61
5	RATHOH	10.42	37.50	27.52	41.67	83.33	63.93	3.0	5.2	3.90	7.0	12.0	9.23
6	MANGO	10.98	17.39	14.51	45.83	64.94	55.35	3.0	5.0	3.71	6.9	11.0	8.54
7	CHANDI	21.11	51.50	30.13	22.16	67.54	36.55	3.0	5.5	4.18	7.0	11.0	8.98
8	PACHEUR	21.74	39.13	30.50	23.81	58.82	39.16	3.0	5.1	4.05	7.0	11.3	9.18
9	RAURI	16.88	47.37	29.93	43.48	84.21	66.86	3.0	5.0	3.95	6.0	11.0	8.38
10	BATEDH	15.0	45.83	30.59	55.0	78.26	68.20	3.0	6.0	4.38	7.0	14.0	11.00



**2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of August - 2015**

S.No.	STATIONS	Lead, µg/m <sup>3</sup>	Nickel, ng/m <sup>3</sup>	Arsenic ,ng/m <sup>3</sup>	CO, mg/m <sup>3</sup>
1	KHATA	N.D.	N.D.	N.D.	0.67
2	DARLAGHAT	N.D.	N.D.	N.D.	0.71
3	BAHAN	N.D.	N.D.	N.D.	0.54
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.68
5	RATHOH	N.D.	N.D.	N.D.	0.81
6	MANGOO	N.D.	N.D.	N.D.	0.70
7	CHANDI	N.D.	N.D.	N.D.	0.56
8	PACHEUR	N.D.	N.D.	N.D.	0.83
9	RAURI	N.D.	N.D.	N.D.	0.74
10	BATEDH	N.D.	N.D.	N.D.	0.80

**3. WATER QUALITY ANALYSIS FOR GYANA KHAD**  
**(For the Month of August - 2015)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
<b>FIRST FORTNIGHT</b>	1	7.5	52.1	390.2	4.3
	2	7.7	64.7	410.3	3.6
	3	7.6	62.1	386.2	4.4
	4	7.5	58.6	380.0	4.5
<b>SECOND FORTNIGHT</b>	1	7.6	48.2	342.1	4.1
	2	7.8	57.4	370.6	3.6
	3	7.8	42.6	365.9	3.9
	4	7.6	40.9	360.1	4.3

**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  
(Monthly Average Analysis Report – July - 2015)**

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	Ph	7.4	7.6	7.49	-
2.	BOD (5 Days at 20 Deg. C)	10	14	12	30 mg/Lit.
3.	Total Suspended Solids	10	20	15.79	100 mg/Lit.

**5. Monthly Average of Ambient Noise Monitoring Report – August – 15**

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	50.8	43.7	51.5	41.5	52.3	44.6	49.1	42.8	50.9	43.2
Inside Cooperative Stores	54.6	47.1	56.7	44.2	55.2	41.8	60.6	44.3	56.8	44.4
Petrol Pump	61.4	56.9	60.9	48.5	62.5	51.6	58.5	51.9	60.8	52.2
Main Gate (Near CSO's Office)	60.6	52.9	62.5	54.6	61.8	50.9	60.8	56.6	61.4	53.8
Inside CCR	61.2	60.2	60.4	56.3	61.9	59.0	60.5	57.8	61.0	58.3
Inside Mines Office	52.5	43.8	52.1	43.8	54.4	42.1	50.6	40.9	52.4	42.7
Kashlog Village	51.9	40.9	50.7	42.5	52.6	44.6	50.8	45.1	51.5	43.3
Magazine Section	52.9	40.8	53.2	42.5	56.4	43.6	50.8	43.3	53.3	42.6
Mines Reclaimed Area	53.1	43.9	52.6	43.1	53.8	41.1	51.2	43.1	52.7	42.8
Rathoh Village	53.4	41.9	54.1	43.7	51.9	42.6	53.5	43.7	53.2	43.0
Chandi Village	49.1	38.7	50.0	39.8	47.4	36.2	49.3	38.7	49.0	38.4
Piplughat Village	45.6	36.2	49.2	38.6	49.1	39.5	48.7	37.2	48.2	37.9



**Serve to Conserve**