

**1. STACK EMISSION MONITORING RESULTS****(For the month of May – 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	18.6	19.6	17.2	*	17.2	19.6	18.4
B	Cooler ESP	25.4	38.3	25.2	*	25.2	38.3	29.6
C	Cement Mill ESP	*	*	*	*	*	*	*
D	Coal Mill B/F	30.4	31.2	28.4	*	28.4	31.2	30.0
E	Main Crusher B/F	33.0	29.3	26.7	*	26.7	33.0	27.9

\* 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 May – 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	16.69	39.69	24.72	48.29	79.58	65.65	5	7	5.63	8	12	9.5
2	DARLAGHAT	19.52	23.65	22.09	55.72	76.99	66.03	5	5	5	8	10	8.6
3	BAHAN	20.00	40.43	28.06	47.60	60.83	54.50	5	7	5.5	9	10	9.6
4	MINES DORMITORY	16.25	44.64	35.84	21.22	33.64	29.73	5	6	5.14	6	8	6.71
5	RATHOH	23.05	45.59	36.89	30.14	56.67	44.27	5	5	5	7	8	7.43
6	MANGOO	22.08	44.78	34.02	24.78	61.82	48.46	4	5	4.33	7	9	8.44
7	CHANDI	12.38	45.45	28.05	44.77	58.75	52.14	5	6	5.22	7	8	7.22
8	PACHEUR	24.79	47.14	33.04	59.17	86.28	71.72	6	7	6.14	9	12	11.29
9	RAURI	15.00	45.91	32.69	39.26	65.79	59.39	5	6	5.75	8	9	8.25
10	BATEDH	21.67	38.7	28.55	35.22	66.67	49.16	5	5	5	9	9	9



**2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of May – 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.	0.59
3	BAHAN	N.D.	N.D.	N.D.	0.53
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.62
5	RATHOH	N.D.	N.D.	N.D.	0.54
6	MANGOO	N.D.	N.D.	N.D.	0.71
7	CHANDI	N.D.	N.D.	N.D.	0.59
8	PACHEUR	N.D.	N.D.	N.D.	0.71
9	RAURI	N.D.	N.D.	N.D.	0.76
10	BATEDH	N.D.	N.D.	N.D.	0.67

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.1	42.6	370.2	4.1
	2	7.3	62.5	410.0	3.9
	3	7.2	50.3	386.4	4.3
	4	7.2	40.7	373.6	4.4
SECOND FORTNIGHT	1	7.3	52.6	386.1	4.5
	2	7.5	68.3	416.0	4.1
	3	7.4	50.7	410.3	4.4
	4	7.2	48.0	396.2	4.6

**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 – MAY - 2015)**

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPS PCB
		Min.	Max.	Avg.	
1.	pH	7.4	7.6	7.5	-
2.	BOD (5 Days at 20 Deg. C)	10	12	12	30 mg/Lit.
3.	Total Suspended Solids	10	20	15	100 mg/Lit.

**5. Monthly Average of Ambient Noise Monitoring Report-May-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	53.3	43.5	52	41.6	54	42.5	54.3	44	53.5	43.0
Inside Cooperative Stores	52.8	42.7	51.9	40.4	55	42	53.8	42	53.4	41.9
Petrol Pump	50	42.5	50.9	41.4	52	44.2	51	44	51.1	42.9
Main Gate (Near CSO's Office)	50.1	42.6	53.1	42.2	51	42.8	51.6	43	51.4	42.6
Inside CCR	50.3	45.1	48.5	44.7	50	44.2	49.8	44	49.7	44.4
Inside Mines Office	55.3	41.8	52.4	41.3	54	42.7	53.7	44	54.0	42.3
Kashlog Village	49.6	42.2	52.9	43.8	51	42.9	50.8	43	51.1	43.1
Magazine Section	51.6	45.7	51.6	43.3	52	44.1	52.9	45	52.1	44.5
Mines Reclaimed Area	49.1	42.4	51.5	42.9	52	43.5	51.6	43	51.0	43.0
Rathoh Village	52.7	42.8	51	41.3	52	42.7	53.1	43	52.2	42.5
Chandi Village	49.9	42.9	51.8	40.5	50	42.9	48.9	42	50.2	42.0
Piplughat Village	48.2	39.1	47.5	38.5	49	41.0	47.2	39	48.0	39.4



**Serve to Conserve**

