

1. STACK EMISSION MONITORING RESULTS**(For the month of August – 2016)**

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	12.7	15.1	18.7	18.3	12.7	18.7	16.2
B	Cooler ESP	38.5	34.1	28.1	32.4	28.1	38.5	33.3
C	Cement Mill ESP II	17.8	14.4	19.7	15.6	14.4	19.7	16.9
D	Coal Mill B/F	31.7	28.5	33.3	29.9	28.5	33.3	30.9
E	Main Crusher B/F	34.1	29.3	15.4	30.7	15.4	34.1	27.4

2. AMBIENT AIR QUALITY MONITORING RESULTS

2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of August – 2016

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	22.73	40.91	32.41	29.17	66.67	49.69	3.0	5.0	4.00	7.0	9.0	7.75
2	DARLAGHAT	27.11	41.74	33.91	23.41	81.12	50.76	4.0	7.0	5.50	6.0	9.0	7.50
3	BAHAN	16.67	33.33	24.48	29.17	65.22	36.84	4.0	5.0	4.25	6.0	10.0	8.75
4	MINES DORMITORY	18.18	50.00	30.46	22.73	86.96	63.92	4.0	6.0	4.88	5.0	8.0	6.63
5	RATHOH	29.17	51.13	36.51	37.11	65.54	45.27	3.0	5.0	4.38	7.0	10.0	8.75
6	MANGOO	22.73	41.74	29.26	26.60	50.00	38.32	3.0	5.0	4.00	6.0	10.0	8.00
7	CHANDI	25.00	47.83	33.26	34.78	69.57	44.29	3.0	6.0	4.63	7.0	11.0	8.38
8	PACHEUR	27.27	49.11	32.67	18.73	78.05	48.41	3.0	6.0	3.75	5.0	11.0	7.25
9	RAURI	27.27	40.91	33.20	28.57	61.54	44.27	4.0	7.0	5.63	7.0	9.0	8.50
10	BATEDH	30.00	50.00	35.78	34.78	77.27	60.78	3.0	3.0	3.00	7.0	8.0	7.13



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of August – 2016

S.No.	STATIONS	Lead, µg/m ³	Nickel, ng/m ³	Arsenic ,ng/m ³	CO, mg/m ³
1	KHATA	N.D.	N.D.	N.D.	0.87
2	DARLAGHAT	N.D.	N.D.	N.D.	1.00
3	BAHAN	N.D.	N.D.	N.D.	0.85
4	MINES DORMITORY	N.D.	N.D.	N.D.	1.10
5	RATHOH	N.D.	N.D.	N.D.	1.14
6	MANGOO	N.D.	N.D.	N.D.	0.70
7	CHANDI	N.D.	N.D.	N.D.	0.68
8	PACHEUR	N.D.	N.D.	N.D.	1.00
9	RAURI	N.D.	N.D.	N.D.	1.13
10	BATEDH	N.D.	N.D.	N.D.	1.02

3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of August - 2016)

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.3	42.6	310.4	3.9
	2	7.6	54.2	360.2	3.1
	3	7.4	50.8	332.6	4.0
	4	7.3	48.2	318.5	4.3
SECOND FORTNIGHT	1	7.5	51.2	345.6	4.0
	2	7.7	65.4	370.2	3.6
	3	7.5	63.1	362.4	4.2
	4	7.4	51.3	356.1	4.4

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 – August - 2016)**

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.7	7.49	-
2.	BOD (5 Days at 20 Deg. C)	10	14	12	30 mg/Lit.
3.	Total Suspended Solids	10	16	13.71	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – August – 2016

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	50.2	42.9	49.6	40.2	44.2	42.8	54.1	48.9	49.5	43.7
Inside Cooperative Stores	56.4	48.3	60.1	46.6	55.6	52.4	55.6	47.2	56.9	48.6
Petrol Pump	65.3	54.7	59.9	53.7	60.6	51.7	70.3	51.7	64.0	53.0
Main Gate (Near CSO's Office)	68.2	54.1	61.9	59.3	60.9	55.8	64.8	56.4	64.0	56.4
Inside CCR	59.4	51.0	62.2	58.7	58.5	57.6	62.4	58.6	60.6	56.5
Inside Mines Office	53.7	46.4	53.0	42.1	52.2	41.6	53.2	43.1	53.0	43.3
Kashlog Village	48.2	42.5	51.4	40.5	53.6	43.4	51.4	40.4	51.2	41.7
Magazine Section	55.6	46.2	55.5	40.9	52.4	41.1	53.9	41.9	54.4	42.5
Mines Reclaimed Area	58.4	50.2	53.9	41.5	54.1	43.8	53.3	45.7	54.9	45.3
Rathoh Village	50.7	44.3	52.4	42.3	52.1	43.7	48.1	40.3	50.8	42.7
Chandi Village	45.1	39.7	42.8	40.2	44.7	39.1	45.0	38.9	44.4	39.5
Piplughat Village	41.6	36.5	43.5	38.6	41.2	36.3	42.0	40.1	42.1	37.9



Serve to Conserve