

1. STACK EMISSION MONITORING RESULTS**(For the month of February – 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	13.3	12.8	10.7	11.4	10.7	13.3	12.1
B	Cooler ESP	22.9	10.7	14.1	15.4	10.7	22.9	15.76
C	Cement Mill ESP II	41.0	40.7	42.1	39.9	39.9	42.1	40.92
D	Coal Mill B/F	25.0	36.1	39.6	23.9	23.9	39.6	31.15
E	Main Crusher B/F	43.5	25.2	28.1	22.1	22.1	43.5	29.72

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 February – 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	21.74	45.45	27.36	41.95	79.17	57.08	3.0	4.0	3.13	7.0	10.0	8.88
2	DARLAGHAT	31.63	40.87	35.08	28.17	73.75	50.74	5.0	6.0	5.50	7.0	8.0	7.38
3	BAHAN	22.73	36.36	27.47	25.00	58.44	37.81	4.0	4.0	4.00	5.0	9.0	8.50
4	MINES DORMITORY	27.91	45.45	35.12	39.13	80.95	57.24	4.0	6.0	4.88	10.0	11.0	10.50
5	RATHOH	22.16	43.83	33.93	35.46	52.38	43.05	4.0	6.0	4.75	7.0	10.0	9.63
6	MANGOO	16.67	32.47	22.90	27.27	54.17	40.45	4.0	5.0	4.13	7.0	10.0	8.88
7	CHANDI	13.04	33.86	23.52	28.09	55.65	41.38	5.0	6.0	5.13	8.0	9.0	8.38
8	PACHEUR	20.83	40.18	28.66	29.17	58.04	41.05	3.0	5.0	4.38	5.0	8.0	6.50
9	RAURI	15.00	45.00	30.24	33.33	63.64	47.14	5.0	6.0	5.63	8.0	9.0	8.63
10	BATEDH	33.33	57.14	32.13	43.48	77.27	52.71	3.90	3.91	4.01	8.00	8.33	8.00



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of February – 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.	1.12
2	DARLAGHAT	N.D.	N.D.	N.D.	1.02
3	BAHAN	N.D.	N.D.	N.D.	0.72
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.86
5	RATHOH	N.D.	N.D.	N.D.	1.11
6	MANGOO	N.D.	N.D.	N.D.	0.79
7	CHANDI	N.D.	N.D.	N.D.	0.63
8	PACHEUR	N.D.	N.D.	N.D.	0.91
9	RAURI	N.D.	N.D.	N.D.	1.23
10	BATEDH	N.D.	N.D.	N.D.	1.19

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.5	40.6	280.4	5.6
	2	7.8	54.2	318.2	4.7
	3	7.6	52.1	310.4	5.0
	4	7.5	48.6	310.9	5.6
SECOND FORTNIGHT	1	7.3	42.1	290.6	5.5
	2	7.7	52.8	310.3	4.5
	3	7.6	48.6	296.4	5.2
	4	7.5	44.3	294.1	5.4

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 – February - 2016)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	Ph	7.2	7.6	7.37	-
2.	BOD (5 Days at 20 Deg. C)	10	12	11.00	30 mg/Lit.
3.	Total Suspended Solids	10	13	11.22	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – February – 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	49.6	44.7	53.5	40.4	58.2	48.5	51.3	42.7	53.2	44.1
Inside Cooperative Stores	52.4	47.8	55.2	48.6	62.4	52.1	55.8	50.5	56.5	49.8
Petrol Pump	64.6	62.1	60.5	49.4	71.0	54.9	61.5	51.6	64.4	54.5
Main Gate (Near CSO's Office)	70.4	54.6	60.4	57.5	69.3	57.6	60.8	57.7	65.2	56.9
Inside CCR	61.3	51.5	60.8	57.6	54.1	45.8	62.4	60.1	59.7	53.8
Inside Mines Office	52.1	47.2	52.5	41.4	52.7	48.5	52.2	44.0	52.4	45.3
Kashlog Village	47.5	42.7	51.4	40.4	50.6	56.7	52.3	40.3	50.5	45.0
Magazine Section	50.2	44.8	56.4	40.8	52.4	44.9	54.6	43.8	53.4	43.6
Mines Reclaimed Area	51.6	47.2	50.8	43.1	48.6	44.5	51.8	40.9	50.7	43.9
Rathoh Village	48.3	41.7	51.4	40.9	52.1	46.8	49.9	41.3	50.4	42.7
Chandi Village	48.3	36.8	50.0	39.4	47.1	38.4	49.2	38.9	48.7	38.4
Piplughat Village	46.5	35.4	48.1	38.2	44.6	36.1	45.8	36.5	46.3	36.6



Serve to Conserve