

1. STACK EMISSION MONITORING RESULTS**(For the month of March – 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	13.4	12.0	10.9	16.5	10.9	16.5	13.2
B	Cooler ESP	29.6	21.4	33.6	36.8	21.4	36.8	28.20
C	Cement Mill ESP II	42.1	43.6	29.3	30.7	29.3	43.6	36.41
D	Coal Mill B/F	28.0	43.6	64.9	22.5	22.5	64.9	35.82
E	Main Crusher B/F	30.3	26.3	38.0	33.6	26.3	38.0	31.55

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of March – 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	13.39	37.99	24.33	37.29	75.00	51.92	3.00	7.00	4.58	6.50	18.00	11.83
2	DARLAGHAT	14.08	44.07	27.91	12.66	67.91	43.65	4.50	6.00	5.06	10.00	18.00	13.13
3	BAHAN	18.55	39.89	25.97	31.03	54.17	43.26	3.00	5.00	3.40	6.80	15.00	11.18
4	MINES DORMITORY	21.11	41.67	32.36	41.67	74.21	65.01	4.00	6.20	5.06	12.00	19.40	15.61
5	RATHOH	21.11	37.50	29.09	41.67	83.33	63.93	3.00	4.50	3.63	8.60	15.00	12.83
6	MANGO	10.98	17.39	14.51	48.76	66.67	57.96	3.00	4.00	3.43	7.30	12.70	10.37
7	CHANDI	15.00	29.22	20.08	35.46	74.21	47.83	3.00	5.00	3.25	7.00	8.00	7.63
8	PACHEUR	13.64	33.61	26.24	45.83	70.65	61.56	5.00	6.00	5.13	9.00	10.00	9.13
9	RAURI	17.39	47.37	30.99	21.74	77.27	64.75	3.50	6.20	5.06	13.50	22.00	17.36
10	BATEDH	15.00	45.83	30.59	25.00	75.00	58.47	3.00	6.40	4.14	15.00	17.00	16.00



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

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.	0.98
2	DARLAGHAT	N.D.	N.D.	N.D.	1.12
3	BAHAN	N.D.	N.D.	N.D.	0.83
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.94
5	RATHOH	N.D.	N.D.	N.D.	1.30
6	MANGOO	N.D.	N.D.	N.D.	0.71
7	CHANDI	N.D.	N.D.	N.D.	0.71
8	PACHEUR	N.D.	N.D.	N.D.	1.06
9	RAURI	N.D.	N.D.	N.D.	1.12
10	BATEDH	N.D.	N.D.	N.D.	1.10

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.3	48.3	296.8	4.7
	2	7.7	62.4	345.6	3.8
	3	7.8	56.2	318.1	4.1
	4	7.5	50.4	310.5	4.5
SECOND FORTNIGHT	1	7.5	42.9	305.4	4.4
	2	7.9	56.4	340.2	3.5
	3	7.6	52.0	326.4	4.3
	4	7.3	48.6	315.6	5.0

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 – March - 2016)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	Ph	7.3	7.7	7.45	-
2.	BOD (5 Days at 20 Deg. C)	8	13	11.00	30 mg/Lit.
3.	Total Suspended Solids	10	13	11.44	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – March – 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	44.2	42.8	59.5	52.3	48.2	43.2	54.2	47.9	51.5	46.6
Inside Cooperative Stores	55.6	52.4	50.1	42.7	55.8	50.8	60.4	51.7	55.5	49.4
Petrol Pump	60.6	51.7	58.4	53.2	61.9	47.3	68.9	56.2	62.5	52.1
Main Gate (Near CSO's Office)	60.9	55.8	63.4	59.9	58.5	54.9	63.7	55.4	61.6	56.5
Inside CCR	58.5	57.6	60.5	57.5	62.5	59.1	58.4	49.8	60.0	56.0
Inside Mines Office	52.2	41.6	52.2	42.2	52.6	40.6	53.9	50.7	52.7	43.8
Kashlog Village	53.6	43.4	53.7	41.5	51.5	43.6	49.2	45.8	52.0	43.6
Magazine Section	52.4	41.1	52.6	43.8	52.5	40.7	48.5	44.7	51.5	42.6
Mines Reclaimed Area	54.1	43.8	51.8	44.9	54.1	41.8	51.6	47.2	52.9	44.4
Rathoh Village	52.1	43.7	50.2	43.8	52.6	40.9	50.6	46.1	51.4	43.6
Chandi Village	46.2	39.5	49.3	38.2	53.4	38.8	49.9	39.2	49.7	38.9
Piplughat Village	45.9	37.1	47.5	39.3	46	36.5	48.2	39.1	46.8	38.0



Serve to Conserve