

1. STACK EMISSION MONITORING RESULTS**(For the month of May – 2017)**

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	16.1	13.6	12.5	20.9	12.5	20.9	15.6
B	Cooler ESP	30.7	27.6	54.1	51.8	27.6	54.1	37.4
C	Cement Mill ESP II	14.6	20.1	20.9	10.4	10.4	20.9	17.1
D	Coal Mill B/F	21.7	28.9	32.8	24.0	21.7	32.8	26.9
E	Main Crusher B/F	33.0	29.3	26.7	16.2	16.2	33.0	27.9

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations
for the Month of May – 2017**

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	16.67	26.09	21.70	53.57	75.00	67.07	4.50	5.50	4.85	9.50	13.50	12.00
2	DARLAGHAT	22.16	37.99	30.93	39.89	87.50	54.31	4.00	5.00	4.70	8.00	13.50	10.80
3	BAHAN	23.41	52.54	33.47	41.67	67.91	52.76	3.00	5.00	4.03	7.50	13.10	10.23
4	MINES DORMITORY	26.79	41.67	35.00	58.33	75.00	68.25	4.50	7.50	5.35	10.00	17.50	13.44
5	RATHOH	25.53	44.44	35.54	56.52	79.17	67.25	4.00	6.00	4.78	8.50	13.00	10.69
6	MANGOO	22.92	63.32	34.42	56.18	74.21	65.53	3.50	5.50	4.00	6.50	12.50	8.81
7	CHANDI	21.11	37.50	29.09	50.00	78.85	63.40	3.00	5.00	3.94	6.00	10.00	7.81
8	PACHEUR	25.83	46.41	34.14	48.76	66.67	57.96	3.50	5.50	4.50	8.00	13.00	10.63
9	RAURI	21.74	36.36	29.08	45.83	71.43	62.61	4.00	6.50	5.56	8.50	17.00	13.56
10	BATEDH	20.83	37.45	26.91	35.46	74.21	47.83	4.50	7.50	5.95	9.50	16.50	13.33



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of May – 2017

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.	0.76
2	DARLAGHAT	N.D.	N.D.	N.D.	0.94
3	BAHAN	N.D.	N.D.	N.D.	0.58
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.91
5	RATHOH	N.D.	N.D.	N.D.	0.97
6	MANGOO	N.D.	N.D.	N.D.	0.61
7	CHANDI	N.D.	N.D.	N.D.	0.68
8	PACHEUR	N.D.	N.D.	N.D.	0.76
9	RAURI	N.D.	N.D.	N.D.	0.80
10	BATEDH	N.D.	N.D.	N.D.	0.89

3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of May - 2017)

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.4	38.4	326.0	3.7
	2	7.6	50.2	363.0	3.1
	3	7.5	42.7	348.4	3.5
	4	7.4	40.1	334.0	3.9
SECOND FORTNIGHT	1	7.5	30.1	348.2	4.0
	2	7.7	54.8	360.6	3.3
	3	7.6	48.6	352.0	3.7
	4	7.5	42.1	350.4	4.1

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 - 2017)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	pH	7.2	7.7	7.49	-
2.	BOD (5 Days at 20 Deg. C)	10	14	11.5	30 mg/Lit.
3.	Total Suspended Solids	10	14	12.4	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – May – 2017

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	48.6	41.6	51.3	47.6	55.1	49.3	44.2	42.8	49.8	45.3
Inside Cooperative Stores	54.7	52.2	54.6	47.2	55.4	50.6	55.6	52.4	55.1	50.6
Petrol Pump	59.4	49.8	62.4	54.3	72.6	49.7	60.6	51.7	63.8	51.4
Main Gate (Near CSO's Office)	63.4	59.9	65.7	53.2	57.6	48.2	60.9	55.8	61.9	54.3
Inside CCR	60.5	57.5	65.4	56.2	52.4	46.5	58.5	57.6	59.2	54.5
Inside Mines Office	52.2	42.2	52.3	43.6	52.8	45.6	52.2	41.6	52.4	43.3
Kashlog Village	53.7	41.5	49.2	45.1	55.7	50.3	53.6	43.4	53.1	45.1
Magazine Section	52.6	43.8	51.1	48.7	50.9	47.2	52.4	45.9	51.8	46.4
Mines Reclaimed Area	51.8	44.9	50.2	43.1	51.8	47.5	54.1	43.8	52.0	44.8
Rathoh Village	52.9	40.4	49.7	44.4	52.8	50.1	52.1	44.9	51.9	45.0
Chandi Village	51.8	46.5	49.2	42.7	48.2	41.6	45.8	42.5	48.8	43.3
Piplughat Village	47.2	38.2	48.1	39.4	42.8	36.3	41.5	38.7	44.9	38.2



Serve to Conserve