

1. STACK EMISSION MONITORING RESULTS

(For the month of November – 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	17.8	18.7	16.3	19.6	16.3	19.6	18.1
B	Cooler ESP	14.9	19.1	11.4	15.3	11.4	19.1	15.2
C	Cement Mill ESP II	14.4	23.7	16.6	22.4	14.4	23.7	19.27
D	Coal Mill B/F	*	11.18	13.4	12.1	11.18	13.4	12.21
	E – Mill B/F	10.8	27.3	26.1	23.1	10.8	27.3	21.85
E	Main Crusher B/F	25.5	29.76	31.04	27.73	25.5	31.04	28.51

* 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 November – 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	28.01	42.44	32.96	62.50	76.40	70.46	5.00	7.00	5.75	8.00	12.00	9.63
2	DARLAGHAT	23.19	39.83	29.25	51.02	70.83	59.73	4.5	6.5	5.25	8.00	12.10	9.78
3	BAHAN	16.67	32.77	25.61	46.43	64.94	55.75	3.5	5.00	4.06	7.00	9.00	8.21
4	MINES DORMITORY	12.66	38.33	24.12	59.10	75.00	66.35	4.00	6.20	5.00	7.00	12.60	9.14
5	RATHOH	14.58	37.50	28.04	41.67	79.17	62.25	3.00	5.00	3.75	6.50	9.50	8.26
6	MANGO	16.67	25.33	21.76	50.00	64.94	58.32	3.00	4.50	3.71	6.70	9.40	7.93
7	CHANDI	15.00	28.09	20.65	42.21	67.54	53.14	3.00	4.00	3.69	5.00	9.00	7.26
8	PACHEUR	18.18	33.61	26.81	45.83	70.65	61.56	4.50	5.50	4.88	8.00	11.50	9.13
9	RAURI	17.39	47.37	30.99	56.52	84.21	71.73	5.00	5.50	5.15	8.00	11.50	9.50
10	BATEDH	25.00	34.78	29.56	55.32	79.17	65.64	5.50	6.10	5.70	9.50	12.10	10.73



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of November – 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.	0.64
2	DARLAGHAT	N.D.	N.D.	N.D.	0.71
3	BAHAN	N.D.	N.D.	N.D.	0.30
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.52
5	RATHOH	N.D.	N.D.	N.D.	0.61
6	MANGOO	N.D.	N.D.	N.D.	0.45
7	CHANDI	N.D.	N.D.	N.D.	0.42
8	PACHEUR	N.D.	N.D.	N.D.	0.68
9	RAURI	N.D.	N.D.	N.D.	0.73
10	BATEDH	N.D.	N.D.	N.D.	0.69

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.3	31.2	302.6	4.3
	2	7.5	40.8	340.0	4.0
	3	7.4	36.1	328.1	4.5
	4	7.3	32.4	324.0	4.6
SECOND FORTNIGHT	1	7.4	34.6	312.0	4.5
	2	7.7	48.1	345.6	4.2
	3	7.6	40.3	340.1	4.6
	4	7.5	36.0	332.2	4.7

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 – November - 2017)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.6	7.5	-
2.	BOD (5 Days at 20 Deg. C)	10	12	11	30 mg/Lit.
3.	Total Suspended Solids	10	14	11.67	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – November – 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	54.3	48.9	60.9	50.3	44.2	42.8	53.5	40.4	53.2	45.6
Inside Cooperative Stores	55.7	47.2	52.1	45.6	55.9	52.4	55.2	48.6	54.7	48.5
Petrol Pump	69.3	51.7	56.8	50.3	60.6	51.7	60.5	49.4	61.8	50.8
Main Gate (Near CSO's Office)	65.8	56.4	62.2	57.5	60.9	55.8	60.4	57.5	62.3	56.8
Inside CCR	62.6	58.6	60.4	59.9	58.5	57.6	60.8	57.6	60.6	58.4
Inside Mines Office	54.2	43.1	52.2	41.4	52.2	41.3	52.5	41.4	52.8	41.8
Kashlog Village	51.5	40.4	50.6	40.9	53.6	43.4	51.4	40.3	51.8	41.3
Magazine Section	54.9	41.9	52.4	44.1	52.4	41.1	56.5	40.8	54.1	42.0
Mines Reclaimed Area	53.3	45.7	52.4	47.5	54.1	43.8	50.8	43.1	52.7	45.0
Rathoh Village	48.1	40.3	51.7	45.2	52.5	43.7	51.4	40.9	50.9	42.5
Chandi Village	45.8	38.9	49.8	39.3	47.2	36.5	49.7	41.7	48.1	39.1
Piplughat Village	43.6	36.5	48.3	39.7	45.1	38.9	49.2	35.5	46.6	37.7



Serve to Conserve