

1. STACK EMISSION MONITORING RESULTS**(For the month of June – 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	13.9	20.2	25.2	19.7	13.9	25.2	19.7
B	Cooler ESP	45.6	42.7	44.4	31.8	31.8	45.6	41.1
C	Cement Mill ESP II	13.1	5.7	13.2	18.4	5.7	18.4	12.6
D	Coal Mill B/F	27.9	21.2	16.9	31.5	16.9	31.5	24.4
E	Main Crusher B/F	26.8	25.1	31.4	18.8	18.8	31.4	25.5

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of June – 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	22.22	36.09	28.80	55.00	77.92	66.30	5.00	6.00	5.38	11.50	13.00	12.13
2	DARLAGHAT	27.44	39.89	34.17	55.42	80.67	69.28	4.00	5.50	4.60	8.50	12.50	10.63
3	BAHAN	17.92	34.18	25.65	44.58	69.57	60.15	3.50	4.50	4.03	7.50	12.00	10.09
4	MINES DORMITORY	22.22	39.13	30.43	55.56	71.76	65.37	5.00	7.50	5.59	10.00	18.00	13.50
5	RATHOH	29.79	49.57	38.38	63.83	89.13	77.82	4.00	6.50	5.09	9.00	16.50	11.69
6	MANGO	16.88	29.17	22.01	45.83	66.67	54.74	3.50	4.50	3.75	7.00	11.00	8.71
7	CHANDI	12.66	37.99	28.49	46.43	75.98	64.74	3.00	5.00	3.94	6.50	9.50	7.81
8	PACHEUR	20.23	35.25	28.08	60.39	79.78	69.56	4.00	5.50	4.63	8.00	14.50	10.88
9	RAURI	19.13	39.55	28.78	50.84	82.50	67.87	4.00	6.50	5.56	9.00	16.50	13.56
10	BATEDH	20.83	37.45	27.84	52.92	88.95	64.76	5.50	8.00	6.14	12.00	17.20	13.91



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

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.	0.69
2	DARLAGHAT	N.D.	N.D.	N.D.	0.81
3	BAHAN	N.D.	N.D.	N.D.	0.42
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.78
5	RATHOH	N.D.	N.D.	N.D.	0.80
6	MANGOO	N.D.	N.D.	N.D.	0.48
7	CHANDI	N.D.	N.D.	N.D.	0.53
8	PACHEUR	N.D.	N.D.	N.D.	0.68
9	RAURI	N.D.	N.D.	N.D.	0.76
10	BATEDH	N.D.	N.D.	N.D.	0.81

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.5	49.6	407.1	3.7
	2	7.8	63.4	452.6	3.1
	3	7.6	57.2	440.0	3.5
	4	7.6	51.4	426.1	3.9
SECOND FORTNIGHT	1	7.3	42.0	396.2	4.0
	2	7.6	56.0	415.6	3.3
	3	7.4	48.9	400.0	3.7
	4	7.3	44.0	398.0	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 – June - 2017)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.7	7.5	-
2.	BOD (5 Days at 20 Deg. C)	12	14	13.0	30 mg/Lit.
3.	Total Suspended Solids	12	14	12.9	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – June – 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	49.5	40.6	54.0	43.2	49.4	40.2	50.2	43.5	50.8	41.9
Inside Cooperative Stores	60.1	46.6	54.4	49.5	58.1	44.9	58.2	52.1	57.7	48.3
Petrol Pump	59.9	53.7	52.8	47.2	59.9	55.2	57.5	51.1	57.5	51.8
Main Gate (Near CSO's Office)	61.9	59.3	62.4	58.2	61.9	55.4	62.4	59.9	62.2	58.2
Inside CCR	62.2	58.7	62.2	52.1	61.0	55.9	62.5	58.2	62.0	56.2
Inside Mines Office	53.0	42.1	54.4	41.3	51.7	42.3	52.1	41.4	52.8	41.8
Kashlog Village	51.4	40.5	51.4	40.9	49.9	41.3	51.4	40.6	51.0	40.8
Magazine Section	55.5	40.9	53.5	42.9	51.0	42.7	56.2	42.8	54.1	42.3
Mines Reclaimed Area	53.9	41.5	52.4	43.5	50.8	42.9	55.4	42.6	53.1	42.6
Rathoh Village	52.4	42.3	52.0	40.7	53.9	42.6	52.4	41.5	52.7	41.8
Chandi Village	49.6	38.4	48.2	37.9	46.5	38.1	44.1	42.7	47.1	39.3
Piplughat Village	45.1	38.7	43.8	36.2	45	38.2	41.7	38.2	44.0	37.8



Serve to Conserve