

1. STACK EMISSION MONITORING RESULTS**(For the month of April – 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	10.4	13.2	21.5	20.9	10.4	21.5	16.5
B	Cooler ESP	28.5	35.6	42.9	38.7	28.5	42.9	36.4
C	Cement Mill ESP II	6.4	20.7	20.9	11.5	6.4	20.9	14.9
D	Coal Mill B/F	11.3	22.6	39.6	24.0	11.3	39.6	24.4
E	Main Crusher B/F	26.1	30.7	23.0	25.4	23.0	30.7	26.3

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of April – 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	21.1	29.2	24.4	50.9	70.8	61.0	4.0	5.5	4.75	8.5	12.0	10.44
2	DARLAGHAT	23.4	38.2	30.7	51.0	80.7	63.5	3.5	5.5	4.58	8.0	14.5	10.93
3	BAHAN	20.8	33.3	25.4	51.0	66.7	61.4	3.0	4.5	3.84	7.5	12.0	9.71
4	MINES DORMITORY	22.7	40.0	29.4	59.1	74.2	66.8	4.5	6.5	5.23	10.0	18.2	13.53
5	RATHOH	16.9	38.0	25.7	50.7	76.0	64.9	3.5	6.0	4.21	8.5	13.5	11.14
6	MANGO	12.7	32.5	22.0	45.8	64.9	55.4	3.0	5.5	3.88	6.5	11.0	8.63
7	CHANDI	20.8	33.8	26.5	46.4	59.1	53.7	3.0	4.5	3.69	6.0	10.0	7.75
8	PACHEUR	20.8	38.0	27.3	54.2	75.8	65.7	4.0	5.5	4.75	8.5	14.5	11.63
9	RAURI	21.1	39.1	28.1	54.6	78.3	68.4	5.0	6.5	5.69	11.0	17.0	13.88
10	BATEDH	21.7	30.4	27.0	52.2	73.7	61.7	5.5	7.5	6.14	12.0	18.0	14.33



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of April – 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.	0.93
2	DARLAGHAT	N.D.	N.D.	N.D.	0.98
3	BAHAN	N.D.	N.D.	N.D.	0.62
4	MINES DORMITORY	N.D.	N.D.	N.D.	0.84
5	RATHOH	N.D.	N.D.	N.D.	0.90
6	MANGOO	N.D.	N.D.	N.D.	0.58
7	CHANDI	N.D.	N.D.	N.D.	0.61
8	PACHEUR	N.D.	N.D.	N.D.	0.80
9	RAURI	N.D.	N.D.	N.D.	0.91
10	BATEDH	N.D.	N.D.	N.D.	0.99

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.3	32.6	318.0	4.1
	2	7.5	41.4	364.2	3.5
	3	7.4	38.2	340.0	3.9
	4	7.4	34.0	332.0	4.0
SECOND FORTNIGHT	1	7.4	38.4	340.0	4.5
	2	7.7	50.2	378.0	3.8
	3	7.5	40.6	348.0	4.0
	4	7.5	36.1	340.0	4.2

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 – April - 2017)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSPCB
		Min.	Max.	Avg.	
1.	pH	7.1	7.7	7.47	-
2.	BOD (5 Days at 20 Deg. C)	10	12	11	30 mg/Lit.
3.	Total Suspended Solids	10	14	12.5	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report – April – 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	51.3	41.4	43.6	42.5	58.6	48.2	50.0	43.5	50.9	43.9
Inside Cooperative Stores	55.6	53.7	60.5	51.9	58.3	46.1	56.5	50.1	57.7	50.5
Petrol Pump	63.9	60.4	65.6	45.3	61.7	48.9	57.7	50.4	62.2	51.3
Main Gate (Near CSO's Office)	58.7	65.6	56.6	52.3	53.8	47.6	64.8	56.4	58.5	55.5
Inside CCR	58.3	57.1	61.9	57.6	59.1	45.2	60.4	58.6	59.9	54.6
Inside Mines Office	51.9	43.9	54.4	43.2	52.7	46.5	53.2	43.1	53.1	44.2
Kashlog Village	52.6	43.1	53.8	42.5	51.5	48.2	51.4	40.4	52.3	43.6
Magazine Section	50.8	43.3	51.2	41.5	50.8	47.4	53.9	41.9	51.7	43.5
Mines Reclaimed Area	49.6	44.1	52.9	43.1	50.7	44.3	53.3	45.7	51.6	44.3
Rathoh Village	50.1	43.9	53.6	42.5	51.2	45.6	49.8	40.2	51.2	43.1
Chandi Village	50.4	42.7	49.3	42.9	51.4	46.2	52.1	44.9	50.8	44.2
Piplughat Village	42.1	40.0	45.1	39.7	43.6	38.7	45.0	39.2	44.0	39.4



Serve to Conserve