

1. STACK EMISSION MONITORING RESULTS

(For the month of April- 2014)

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	10.4	20.5	13.0	10.4	20.5	14.5
B	Cooler ESP	20.0	18.1	25.2	23.8	18.1	25.2	22.4
C	Cement Mill ESP	28.3	19.2	24.0	22.1	19.2	28.3	23.41
D	Coal Mill B/F	11.8	22.1	17.0	21.1	11.8	22.1	20.02
E	Main Crusher B/F	25.12	27.35	26.33	30.78	25.12	30.78	26.27

2. AMBIENT AIR QUALITY MONITORING RESULTS

2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of April- 2014

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	20.83	47.62	33.17	50	76.19	63.11	5	5	5	7	8	7.5
2	DARLAGHAT	26.09	54.55	40.63	31.25	77.27	61.02	5	6	5.4	7	9	8
3	BAHAN	31.82	47.83	39.17	22.16	62.5	44.65	5	5	5	8	9	8.2
4	MINES DORMITORY	29.17	43.48	40.59	36.36	69.57	52.75	6	8	6.9	8	9	8.5
5	RATHOH	25.33	51.02	37.65	31.03	55.66	45.59	4	4	4	6	8	6.4
6	MANGO	30.43	45.45	38.35	43.48	63.64	50.04	5	7	6.1	8	9	8.8
7	CHANDI	25	45.45	35.57	35.46	54.88	45.87	5	7	5.4	7	9	7.4
8	PACHEUR	34.78	42.86	36.44	33.33	67.00	47.77	5	8	7.3	7	9	8.6
9	RAURI	27.27	50	34.53	30.43	63.64	53.0	4	7	4.6	9	9	9
10	BATEDH	26.0	44.4	33.7	39.13	85	54.75	4	7	4.6	7	11	8



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of April-2014

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.	1.2
2	DARLAGHAT	N.D.	N.D.	N.D.	1.1
3	BAHAN	N.D.	N.D.	N.D.	1.4
4	MINES DORMITORY	N.D.	N.D.	N.D.	1.0
5	RATHOH	N.D.	N.D.	N.D.	1.0
6	MANGOO	N.D.	N.D.	N.D.	1.2
7	CHANDI	N.D.	N.D.	N.D.	1.0
8	PACHEUR	N.D.	N.D.	N.D.	1.2
9	RAURI	N.D.	N.D.	N.D.	1.0
10	BATEDH	N.D.	N.D.	N.D.	1.1

**3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of April-2014)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.5	32.6	310.2	3.9
	2	7.6	42.1	356.4	3.1
	3	7.4	38.4	342.1	3.5
	4	7.4	34.0	340.7	3.6
SECOND FORTNIGHT	1	7.6	38.2	298.6	4.1
	2	7.8	50.3	348.5	3.5
	3	7.4	42.7	332.1	3.7
	4	7.5	36.8	330.7	3.8

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(Analysis Report – APRIL--2014)

(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPAPRIL-14 & PCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.6	7.5	-
2.	BOD (5 Days at 20 Deg. C)	12	15	13	30 mg/Lit.
3.	Total Suspended Solids	12	20	15.73	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report-April-14

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	53.6	44.5	54.7	42.8	54.1	46.9	48.2	43.2	52.7	44.4
Inside Cooperative Stores	62.4	50.2	51.6	46.1	56.4	50.3	55.8	50.8	56.6	49.4
Petrol Pump	56.8	47.2	72.4	50.6	63.7	48.3	61.9	47.3	63.7	48.4
Main Gate (Near CSO's Office)	58.9	49.7	54.2	50.1	62.4	49.9	58.5	54.9	58.5	51.2
Inside CCR	50.7	46.3	49.2	45.7	56.8	47.1	62.5	59.1	54.8	49.6
Inside Mines Office	53.5	47.5	48.6	44.5	52.6	48.4	52.6	40.6	51.8	45.3
Kashlog Village	51.9	44.5	50.2	44.7	54.6	43.8	51.5	43.6	52.1	44.2
Magazine Section	50.3	44.8	55.9	45.6	50.8	43.5	52.5	40.7	52.4	43.7
Mines Reclaimed Area	51.8	45.2	52.3	48.1	47.3	42.7	54.1	41.8	51.4	44.5
Rathoh Village	50.5	44.9	49.5	43.5	50.1	43.5	52.6	40.9	50.7	43.2



Serve to Conserve

