

1. STACK EMISSION MONITORING RESULTS
(For the month of Feb- 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	*	*	*	*	*	*	*
B	Cooler ESP	*	*	*	*	*	*	*
C	Cement Mill ESP	*	*	*	*	*	*	*
D	Coal Mill B/F	*	*	*	*	*	*	*
E	Main Crusher B/F	*	*	*	*	*	*	*

*Plant was not in Operation

2. AMBIENT AIR QUALITY MONITORING RESULTS

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

*Monitoring was not conducted at Kashlog village due to Villagers opposition.

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	21.47	45.45	28.61	41.95	79.17	57.78	3	4	3.2	7	10	8.8
2	DARLAGHAT	31.63	40.87	35.31	32.77	73.75	54.79	5	6	5.5	7	8	7.4
3	BAHAN	22.73	36.36	27.89	25	70.22	43.04	4	4	4	5	9	8.2
4	MINES DORMITORY	27.91	45.45	37.66	39.13	80.95	61.64	4	6	4.88	10	11	10.5
5	RATHOH	22.16	43.83	37.56	35.46	52.38	43.05	4	6	4.75	7	10	9.63
6	MANGO	16.67	32.47	23.23	27.27	54.17	40.50	4	5	4.2	7	10	8.8
7	CHANDI*	22.16	43.48	31.99	28.10	55.66	41.48	5	6	5.2	8	9	8.4
8	PACHEUR	20.83	40.18	29.0	34.78	87.50	57.98	3	5	4.3	5	8	6.5
9	RAURI	26.1	45	30.19	33.33	63.64	47.41	5	6	5.6	8	9	8.6
10	BATEDH	33.33	57.14	33.77	43.48	87.5	55.84	3	6	3.9	7	9	8



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of Feb-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.	1.4
3	BAHAN	N.D.	N.D.	N.D.	1.6
4	MINES DORMITORY	N.D.	N.D.	N.D.	1.4
5	RATHOH	N.D.	N.D.	N.D.	1.2
6	MANGOO	N.D.	N.D.	N.D.	1.0
7	CHANDI	N.D.	N.D.	N.D.	1.3
8	PACHEUR	N.D.	N.D.	N.D.	1.1
9	RAURI	N.D.	N.D.	N.D.	1.2
10	BATEDH	N.D.	N.D.	N.D.	1.1

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.4	28.9	315.6	4.9
	2	7.7	40.6	354.2	4.0
	3	7.5	34.0	326.0	4.5
	4	7.5	32.8	320	4.5
SECOND FORTNIGHT	1	7.5	34.8	310	4.7
	2	7.6	50.1	362.4	3.9
	3	7.3	40.2	340	4.3
	4	7.4	40.0	336.6	4.9

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 – FEB--2014)

(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPFEB-14 & PCB
		Min.	Max.	Avg.	
1.	pH	7.4	7.7	7.52	-
2.	BOD (5 Days at 20 Deg. C)	10	12	12	30 mg/Lit.
3.	Total Suspended Solids	16	20	18.5	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report-Feb-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	52.2	44.1	47.5	40.2	58.7	50.9	54.3	45.9	53.2	45.3
Inside Cooperative Stores	56.9	49.5	57.7	41.8	56.4	50.6	53.7	48.2	56.2	47.5
Petrol Pump	60.2	52.8	59.1	48.5	62.7	58.3	60.4	52.8	60.6	53.1
Main Gate (Near CSO's Office)	60.8	58.9	66.2	57.4	56.2	48.5	62.6	51.3	61.5	54.0
Inside CCR	61.4	57.2	60.9	57.4	52.3	47.1	53.4	48.2	57.0	52.5
Inside Mines Office	53.6	42.4	51.9	48.6	50.7	46.3	49.8	45.7	51.5	45.8
Kashlog Village	50.6	40.9	51.4	40.5	51.2	47.8	50.3	44.8	50.9	43.5
Magazine Section	53.8	42.6	55.5	44.6	49.3	45.1	49.6	45.2	52.1	44.4
Mines Reclaimed Area	53.3	43.9	50.8	46.4	50.5	46.2	52.2	47.5	51.7	46.0
Rathoh Village	48.6	41.6	51.1	42.7	49.3	47.4	50.0	46.8	49.8	44.6



Serve to Conserve

