

1. STACK EMISSION MONITORING RESULTS
(For the month of Sep- 2013)

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)					
		Weekly				Min. Value	Max. Value
		I	II	III	IV		
A	Glass Bag House	81.4	*	*	*	81.4	81.4
B	Cooler ESP	58.7	*	*	*	58.7	58.7
C	Cement Mill ESP	59.2	50.0	52.3	*	50.0	59.2
D	Coal Mill B/F	55.8	*	*	*	55.8	55.8
E	Main Crusher B/F	79.3	*	*	*	79.3	79.3

* Plant is under maintenance

2. AMBIENT AIR QUALITY MONITORING RESULTS

**2.(a) Monthly Average of PM10,PM2.5,NO2& SO2 of Manual Stations
for the Month of Sep- 2013**

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	21.84	37.50	32.62	21.22	75.85	39.70	4	5	4.4	7	9	8
2	DARLAGHAT	21.78	39.83	31.47	28.09	78.85	45.04	4	4	4	5	6	5.8
3	BAHAN	20.83	29.55	25.6	25.33	51.50	35.82	3	5	3.44	7	9	7.44
4	MINES DORMITORY	16.68	40	29.56	21.22	71.76	48.92	3	5	4.63	10	11	10.50
5	RATHOH	16.88	37.45	28.10	37.11	51.50	43.15	4	6	4.8	7	10	9.4
6	MANGOOR	10.98	21.74	15.94	25.33	54.17	39.87	4	5	4.2	7	10	8.8
7	CHANDI	12.66	33.86	21.83	25.33	55.66	40.19	4	5	4.2	7	8	7.5
8	PACHEUR	20.83	30.97	26.56	19.05	75.63	41.82	3	5	4.22	5	8	6.44
9	RAURI	13.04	40.91	28.21	30.43	68.18	48.30	5	6	5.67	8	9	8.56
10	BATEDH	22.22	47.83	35.15	25	62.5	46.43	3	6	3.92	7	15	10.89



2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month of Sep- 2013

S.No.	STATIONS	Lead, $\mu\text{g}/\text{m}^3$	Nickel, ng/m^3	Arsenic, ng/m^3	CO, mg/m^3
1	KHATA	ND	ND	ND	1.4
2	DARLAGHAT	ND	ND	ND	1.7
3	BAHAN	N.D	ND	ND	1.6
4	MINES DORMITORY	ND	ND	ND	1.3
5	RATHOH	ND	ND	ND	1.5
6	MANGOO	ND	ND	ND	1.2
7	CHANDI	ND	ND	ND	1.2
8	PACHEUR	ND	ND	ND	1.3
9	RAURI	ND	ND	ND	1.2
10	BATEDH	ND	ND	ND	1.4

**3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of Sep-2013)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.1	36	264	4.3
	2	7.4	42	345	3.9
	3	7.3	40	310	4.7
	4	7.3	38	320	4.5
SECOND FORTNIGHT	1	7.3	32	290	5.1
	2	7.5	40	348	4.5
	3	7.3	36.5	332	4.7
	4	7.2	34	328	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 – SEP- 2013)
(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPSEP& PCB
		Min.	Max.	Avg.	
1.	pH	7.2	7.6	7.48	-
2.	BOD (5 Days at 20 Deg. C)8	8	12	10	30 mg/Lit.
3.	Total Suspended Solids	14	18	15.4	100 mg/Lit.

5. Monthly Ambient Noise Monitoring Report-(Sep-13)

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	48.3	41.4	51.2	42.2	48.6	41.6	53.6	41.8	50.4	41.8
Inside Cooperative Stores	55.9	48.4	55.8	50.5	54.7	52.2	58.6	42.7	56.3	48.5
Petrol Pump	57.7	48.8	61.5	51.6	59.4	49.8	60.4	53.9	59.8	51.0
Main Gate (Near CSO's Office)	64.1	60.2	60.8	57.7	63.4	59.9	63.6	54.4	63.0	58.1
Inside CCR	59.9	55.6	62.4	60.1	60.5	57.5	62.7	61.0	61.4	58.6
Inside Mines Office	53.4	43.8	52.2	44.0	52.2	42.2	52.8	43.9	52.7	43.5
Kashlog Village	51.2	41.5	52.1	40.3	53.7	41.5	54.4	41.5	52.9	41.2
Magazine Section	56.4	41.9	54.6	43.8	52.6	43.8	55.7	44.4	54.8	43.5
Mines Reclaimed Area	53.9	42.7	51.8	40.9	51.8	44.9	54.4	43.9	53.0	43.1
Rathoh Village	52.9	41.8	49.9	41.0	52.9	40.4	52.6	41.5	52.1	41.2



Serve to Conserve

