

1. STACK EMISSION MONITORING RESULTS**(For the month of Nov – 2012)**

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)					
		Weekly				Min. Value	Max. Value
		I	II	III	IV		
a	Glass Bag House	31.2	36.1	28.9	21.0	21.0	36.1
b	Cooler ESP	40.12	39.2	57.4	32.4	32.4	57.4
c	Cement Mill ESP	39.56	51.23	37.5	41.7	37.5	51.23
d	Coal Mill B/F	38.56	55.23	31.89	28.75	28.75	55.23
e	Main Crusher B/F	33.23	40.12	25.63	28.56	25.63	40.12

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM10,PM2.5,NO2& SO2 of Manual Stations
for the Month of Nov – 2012**

S.No.	STATIONS	PARAMETERS											
		PM10 (µg/M ³)			PM2.5 (µg/M ³)			NO2 (µg/M ³)			SO2 (µg/M ³)		
		Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average	Min.	Max.	Average
1	KHATA	61.23	74.56	65.23	20.12	44.12	30.15	10.23	19.56	16.89	3	9	6.56
2	DARLAGHAT	65.23	80.12	76.23	25.36	44.52	35.26	11	20.13	18.52	4	8	5.0
3	BAHAN	30.12	59.6	40.23	20.13	34.23	19.56	7	12	9.6	3	4	3.44
4	MINES DORMITORY	50.12	69.23	63.21	20.36	45.36	30.12	10	19	14.56	3	8	4.9
5	RATHOH	39.86	78.56	65.23	25.4	33.56	21.56	8.0	14	12.00	3	4.5	3.65
6	MANGO	45.83	64.94	55.36	23.5	32.45	21.56	8.2	12.0	11.0	3	4	3.5
7	CHANDI*	31.03	55.66	44.63	18.56	21.56	19.56	7	9	6.89	3	5	4.1
8	PACHEUR	45.83	70.65	60.89	23.56	35.6	26.35	9	15	12.6	3	5	4.01
9	RAURI	56.52	84.21	71.46	24.8	48.56	30.23	14.56	20	18.6	4	7	6.1
10	BATEDH	55.00	78.26	67.88	20.78	40.23	29.56	19	23	15.63	3	8	5.2

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

**2.(b) Monthly Average of Lead, Nickel, Arsenic & CO of Manual Stations for the Month
of Nov – 2012**

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.	1.61
2	DARLAGHAT	N.D.	N.D.	N.D.	1.9
3	BAHAN	N.D.	N.D.	N.D.	1.21
4	MINES DORMITORY	N.D.	N.D.	N.D.	1.5
5	RATHOH	N.D.	N.D.	N.D.	1.3
6	MANGOO	N.D.	N.D.	N.D.	1.25
7	CHANDI	N.D.	N.D.	N.D.	1.00
8	PACHEUR	N.D.	N.D.	N.D.	1.89
9	RAURI	N.D.	N.D.	N.D.	1.45
10	BATEDH	N.D.	N.D.	N.D.	1.56

**3. WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of Nov-2012)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.1	36.4	296	4.6
	2	7.4	54.9	345.2	4.2
	3	7.3	42.0	310	5.0
	4	7.1	40.0	318	5.0
SECOND FORTNIGHT	1	7.2	30.6	320.4	5.0
	2	7.3	48.1	310.8	4.8
	3	7.4	28.1	340	4.8
	4	7.1	32.4	336	5.1

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
(Analysis Report – NOV - 2012)
(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPNOV & PCB
		Min.	Max.	Avg.	
1.	pH	7.5	7.9	7.7	-
2.	BOD (5 Days at 20 Deg. C)	5	14	9	30 mg/Lit.
3.	Total Suspended Solids	12	26	16.5	100 mg/Lit.



Serve to Conserve

