

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

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)					
		Weekly				Min. Value	Max. Value
		I	II	III	IV		
a	Glass Bag House	28.4	34.1	27.7	15.8	15.8	34.1
b	Cooler ESP	38.6	39.2	57.4	32.4	32.4	57.4
c	Cement Mill ESP	48.0	50.0	37.5	41.7	37.5	50.0
d	Coal Mill B/F	33.0	32.3	29.5	28.9	28.9	33.0
e	Main Crusher B/F	31.7	29.3	15.4	30.7	15.4	31.7

2. AMBIENT AIR QUALITY MONITORING RESULTS

2.(a) Monthly Average of PM10,PM2.5,NO2& SO2 of Manual Stations for the Month of Oct – 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	55.93	75.85	68.55	18.64	42.44	31.47	11.40	22.40	17.35	4	7	5.40
2	DARLAGHAT	64.94	87.01	75.89	27.83	48.31	37.57	10	22	16.96	4	7	5.15
3	BAHAN	33.77	54.17	45.18	8.44	23.19	17.23	6.8	15	10.92	3	4	3.44
4	MINES DORMITORY	54.17	74.21	65.90	13.64	41.67	29.87	12	19.4	15.63	4	6.2	5.07
5	RATHOH	41.67	83.33	63.64	10.42	37.50	26.81	8.6	15	12.42	3	4.5	3.65
6	MANGO	45.83	64.94	55.36	10.98	17.39	14.44	7.3	12.0	9.77	3	4	3.44
7	CHANDI*	31.03	55.66	44.63	6.03	15	10.17	6	8.5	7.49	3	4	3.31
8	PACHEUR	45.83	70.65	60.89	13.64	33.61	25.72	8	17.5	12.6	3	5	4.01
9	RAURI	56.52	84.21	71.46	17.39	47.37	31.27	13.50	22	17.44	3.5	6.2	5.02
10	BATEDH	55.00	78.26	67.88	15	45.83	30.55	15	17	16	3	6.4	4.25

*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 Oct – 2012

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.	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.	1.19
5	RATHOH	N.D.	N.D.	N.D.	1.89
6	MANGO	N.D.	N.D.	N.D.	1.32
7	CHANDI	N.D.	N.D.	N.D.	1.23
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 Oct-2012)**

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.0	26.9	296.1	4.4
	2	7.3	42.4	340.5	4.3
	3	7.1	39.7	310.2	4.5
	4	7.2	38.0	300.0	4.4
SECOND FORTNIGHT	1	7.2	42.3	324	4.9
	2	7.4	49.6	352	4.1
	3	7.1	38.9	340	4.6
	4	7.1	36.0	330.5	4.5

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 – OCT - 2012)
(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPOCT & PCB
		Min.	Max.	Avg.	
1.	pH	7.3	7.7	7.52	-
2.	BOD (5 Days at 20 Deg. C)	6	16	13	30 mg/Lit.
3.	Total Suspended Solids	14	24	19.43	100 mg/Lit.



Serve to Conserve

