

STACK EMISSION MONITORING RESULTS
(For the month of DECEMBER - 2009)

Sr. No.	Stacks Attached To	Particulate matter (mg/Nm ³)					
		Week				Min. Value	Max. Value
		I Week	II Week	III Week	IV Week		
1	Glass Bag House	37.74	34.02	40.34	32.40	32.40	40.34
2	Cooler ESP	50.47	51.90	49.02	47.64	47.64	51.90
3	Cement Mill ESP	43.52	38.48	48.66	46.86	38.48	48.66
4	Coal Mill B/F	51.94	45.95	48.38	50.63	45.95	51.94
5	Main Crusher B/F	49.47	50.92	52.38	50.16	49.47	52.38

WATER QUALITY ANALYSIS FOR GYANA KHAD
(For the Month of DECEMBER - 2009)

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.5	30.0	280.0	5.8
	2	7.4	20.0	320.0	6.1
	3	7.0	22.0	300.0	6.0
	4	7.5	20.0	305.0	6.2
SECOND FORTNIGHT	1	7.3	26.0	300.0	6.0
	2	7.5	25.0	285.0	6.2
	3	7.2	18.0	320.0	5.9
	4	7.5	30.0	305.0	6.4

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.

AMBIENT AIR QUALITY MONITORING RESULTS
(For the Month of DECEMBER - 2009)
(Monthly Average)

Stations	Suspended Particulate Matter ($\mu\text{g}/\text{M}^3$)				
	<10 μg (RSPM)	>10 μg	Total SPM (TSPM)	Min. Value	Max. Value
KHATA	75.1	88.6	163.7	141.4	186.0
DARLAGHAT	79.9	91.2	171.1	146.8	186.4
BAHAN	78.1	87.5	165.6	150.2	183.9
MINES DORMITORY	74.5	88.3	162.8	142.2	186.8
RATHOH	67.6	89.0	156.6	143.2	168.0
MANGO	76.0	86.5	162.5	149.2	174.0
CHANDI	70.2	81.8	152.0	137.0	166.9
PACHEUR	73.5	83.0	156.5	135.4	171.5
RAURI	81.6	93.6	175.2	156.9	190.2
BATEDH	78.3	90.1	168.4	144.2	187.0

SEWAGE WATER RECLAMATION PLANT
(Analysis Report – DECEMBER - 2009)
(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HP SPCB
		Min.	Max.	Avg.	
1.	pH	7.0	7.5	7.2	-
2.	BOD (5 Days at 20 Deg. C)	4	14	9	30 mg/Lit.
3.	Total Suspended Solids	12	32	19	100 mg/Lit.