

1. STACK EMISSION MONITORING RESULTS**(For the month of May- 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	20.0	11.6	10.2	19.7	10.2	20.0	13.8
B	Cooler ESP	14.4	15.5	19.2	20.1	14.4	20.1	16.4
C	Cement Mill ESP	22.9	11.8	24.8	10.6	10.6	24.8	15.7
D	Coal Mill B/F	20.5	18.4	20.6	22.1	18.4	22.1	19.5
E	Main Crusher B/F	31.7	29.3	15.4	30.7	15.4	31.7	27.9

2. AMBIENT AIR QUALITY MONITORING RESULTS**2.(a) Monthly Average of PM2.5, PM10, SO2 & NO2 of Manual Stations for the Month of May- 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	21.84	37.5	32.62	21.22	75.85	39.7	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	25.60	25.33	51.50	35.82	3	5	3.44	7	9	7.44
4	MINES DORMITORY	20	40.00	29.56	21.22	71.76	48.92	3	5	4.63	10	11	10.5
5	RATHOH	19.0	37.45	28.1	37.11	51.5	43.15	4	6	4.8	7	10	9.4
6	MANGOO	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	4.2	5	8	6.44
9	RAURI	13.04	40.91	28.21	30.43	68.18	48.3	5	6	5.5	8	9	8.5
10	BATEDH	22.22	47.83	35.15	25.0	62.5	46.43	3	6	3.9	7	15	10.89



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

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

FREQUENCY	SAMPLING POINTS	PARAMTERS			
		pH	TSS (mg/Lit.)	TDS (mg/Lit.)	DO (mg/Lit.)
FIRST FORTNIGHT	1	7.5	40.6	298.4	4.1
	2	7.9	52.4	345.9	3.5
	3	7.6	48.9	340	3.9
	4	7.6	38.0	342.1	4.0
SECOND FORTNIGHT	1	7.6	34.6	305.2	4.3
	2	7.8	50.2	368.6	3.7
	3	7.5	42.1	321.5	4.0
	4	7.4	36.4	330	4.2

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 – MAY--2014)

(Monthly Average)

Sr. No.	PARAMETERS	TREATED WATER RESULTS			STIPULATED LIMIT BY HPMA-14 & PCB
		Min.	Max.	Avg.	
1.	pH	7.4	7.6	7.47	-
2.	BOD (5 Days at 20 Deg. C)	10	12	11	30 mg/Lit.
3.	Total Suspended Solids	10	15	12.8	100 mg/Lit.

5. Monthly Average of Ambient Noise Monitoring Report-May-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	48.6	41.6	50.0	43.5	48.2	41.2	49.9	42.4	49.2	42.2
Inside Cooperative Stores	54.7	52.2	56.5	50.1	59.9	45.7	57.8	51.0	57.2	49.8
Petrol Pump	59.4	49.8	57.7	50.4	55.4	50.2	56.5	52.4	57.3	50.7
Main Gate (Near CSO's Office)	63.4	59.9	64.8	56.4	62.2	57.5	65.6	62.5	64.0	59.1
Inside CCR	60.5	57.5	62.4	58.6	60.4	59.9	61.2	59.9	61.1	59.0
Inside Mines Office	52.2	42.2	53.2	43.1	52.2	41.4	54.9	43.9	53.1	42.7
Kashlog Village	53.7	41.5	51.4	40.4	50.4	40.9	52.3	42.8	52.0	41.4
Magazine Section	52.6	43.8	53.9	41.9	52.4	44.1	54.8	44.1	53.4	43.5
Mines Reclaimed Area	51.8	44.9	53.3	45.7	52.4	47.5	56.6	45.4	53.5	45.9
Rathoh Village	52.9	40.4	52.6	40.2	51.4	41.8	50.2	42.8	51.8	41.3



Serve to Conserve

