

REF:ENV/K-32/CF/3/13

Date: 27-09-2012

To
The Sr. Environmental Engineer
Pollution Control Board, Assam
Itkhola , Near Ghaniwala Lane
Silchar -788 002

SUB: TEST RESULTS FOR THE MONTH OF AUGUST 2012

Sir,

I have the honour to submit herewith the test results of key parameters of the following sources during the month of August 2012 for favour of your disposal. It is to be mentioned here that River water sample from five points as mentioned in the test results are collected upto Karimganj.

- A. Treated effluent
- B. River water
- C. Ground water and Piezometric tube well
- D. Stack Emission and
- E. Ambient Air.

Thanking you.

Sincerely yours
For & on behalf of HPC Ltd.
Cachar Paper Mill

Encl: Test Results (Three pages)

Copy to :

- i) The Member Secretary
Pollution Control Board, Assam
Bamunimaidam
Guwahati – 781 021, Assam.
- ii) The Scientist D
GOI, MoEF, North Eastern Regional Office
Law U –Sib, Lumbatngen, Near M T C Workshop
Shillong – 793021
- iii) The Additional Director
N.E. Zonal Office , Central Pollution Control Board
Near Fire Brigade, Lower Motinagar
Shillong - 793014

Manager (Env)

A. TREATED EFFLUENT QUALITY IN THE MONTH OF AUGUST 2012

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.08.12	31	7.2	88	328	24
02.08.12	32	7.1	82	328	24
03.08.12	32	7.1	82	328	27
04.08.12	32	7.2	92	336	27
05.08.12	32	7.2	88	336	27
The Mill remained shut from 1 st August to 17 th August 2012					
18.08.12	31	7.3	82	328	24
19.08.12	30	7.3	84	336	27
20.08.12	30	7.4	84	328	27
21.08.12	30	7.2	90	336	27
22.08.12	30	7.3	94	336	27
23.08.12	27	7.1	92	336	30
24.08.12	31	7.2	88	336	30
25.08.12	32	7.3	94	328	27
26.08.12	30	7.2	94	336	30
27.08.12	32	7.0	94	328	30
28.08.12	31	7.0	94	328	30
29.08.12	32	7.3	80	336	30
30.08.12	32	7.2	100	328	30
31.08.12	32	7.4	98	328	30

B. RIVER WATER QUALITY OF BARAK AND KUSHIYARA IN THE MONTH OF AUGUST 2012

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
12.08.12	1 KM Upstream of effluent discharge point	7.6	148	17.6	7.5	1.8
	At Effluent discharge point	7.2	198	22.4	7.1	2.1
	1 KM Downstream of effluent discharge point	7.4	136	20.8	7.3	2.0
	15 KM Downstream at Bhanga	7.5	172	19.2	7.4	1.9
26.08.12	1 KM Upstream of effluent discharge point	7.0	180	19.2	6.7	1.9
	At Effluent discharge point	7.1	192	24.0	6.6	2.3
	1 KM Downstream of effluent discharge point	7.1	190	22.4	6.7	2.1
	15 KM Downstream at Bhanga	7.1	210	16.0	6.7	1.6
	35 Km Downstream of effluent discharge point	7.0	182	16.0	6.6	1.6

C. GROUND WATER QUALITY DATA IN THE MONTH OF AUGUST 2012

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
07.08.12	Well water surrounding the Mill	7.2	BDL	Piezometric tube well/ Borewell near sludge pit	7.4	BDL
21.08.12	Well water surrounding the Mill	7.4	BDL	Piezometric tube well/ Borewell near sludge pit	7.2	BDL
28.08.12	Well water surrounding the Mill	7.5	BDL	Piezometric tube well/ Borewell near sludge pit	7.3	BDL

D. STACK EMISSION MONITORING DATA IN THE MONTH OF AUGUST 2012

SOURCE	Particulate Matter (mg/Nm ³)	H ₂ S (mg/Nm ³)	Cl ₂ (mg/Nm ³)	HCl (mg/Nm ³)
C.F.Boiler – 1	SHUT	-	-	-
C.F.Boiler – 2	136.1	-	-	-
C.F.Boiler - 3	129.7	-	-	-
S / R Boiler	77.4	9.42	-	-
Hypo Stack (C&C)	-	-	6.20	-
HCl Stack (C&C)	-	-	-	11.93

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF AUGUST 2012

Source	Suspended Particulate Matter (µg/Nm ³)	SO ₂ (µg/Nm ³)	NO _x (µg/Nm ³)	RSPM (µg/Nm ³)
Yard No 7 at Security Point	254.8	9.93	12.48	-
At corner of Lagoon	221.8	2.47	9.92	-
Time Office	249.6	3.7	17.5	66.5
Township	160.7	BDL	4.0	26.5

