

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

DTD.13-09-2010

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

BY SPEED POST

SUB: TEST RESULT FOR THE MONTH OF AUGUST 2010

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of August 2010 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 (Two pages)

Copy to :

- i) The Member Secretary
Pollution Control Board, Assam
Bamunimaidam
Guwahati – 781 021, Assam. Sr.Manager (Env & Civil)
- ii) The Joint Director (S)
GOI, MoEF, North Eastern Regional Office
Upland Road, Laitumkrah
Shillong - 793003
- iii) The Zonal Officer
N.E. Zonal Office , Central Pollution Control Board
Near Fire Brigade, Lower Motinagar
Shillong - 793014

**A. TREATED EFFLUENT QUALITY
IN THE MONTH OF AUGUST 2010**

A) TREATED EFFLUENT QUALITY FOR AUGUST 2010

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
30.08.10	31	7.8	84	312	27
31.08.10	31	7.8	98	312	27

FROM 02.07.10 TO 29.08.10 MILL IS IN TOTAL SHUT

**B. RIVER WATER QUALITY OF BARAK AND KUSHIYARA
IN THE MONTH OF AUGUST 2010**

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
01.08.2010	1 KM Upstream of effluent discharge point	7.6	390	-	6.5	1.0
	At Effluent discharge point	7.5	424	-	6.2	1.1
	1 KM Downstream of effluent discharge point	7.0	546	-	5.9	1.1
	15 KM Downstream at Bhanga	7.2	614	-	6.0	1.0
	35 Km Downstream at Karimganj	7.7	522	-	6.1	1.0
08.08.2010	1 KM Upstream of effluent discharge point	7.1	336	22.4	6.2	1.1
	At Effluent discharge point	7.0	410	24.0	6.4	1.2
	1 KM Downstream of effluent discharge point	7.0	342	20.8	6.2	1.2
	15 KM Downstream at Bhanga	7.2	448	17.6	6.4	1.1
29.08.2010	1 KM Upstream of effluent discharge point	7.4	336	24.0	6.2	0.9
	At Effluent discharge point	7.7	418	17.6	6.0	1.1
	1 KM Downstream of effluent discharge point	7.4	342	20.8	6.2	1.0
	15 KM Downstream at Bhanga	7.7	248	19.2	6.1	1.0

FROM 02.07.10 TO 29.08.10 MILL IS IN TOTAL SHUT

C. GROUND WATER QUALITY IN AUGUST 2010

Date	Source	pH	Mercury mg/l
31.08.2010	Bore well near sludge pit	7.8	BDL
31.08.2010	Piezometric tube well	7.9	0.005

FROM 02.07.10 TO 29.08.10 MILL IS IN TOTAL SHUT

D. STACK EMISSION MONITORING DATA IN THE MONTH OF AUGUST 2010

- The Mill remained total shut from 02-07-2010 to 29.-08-2010 . So Stack Emission testing does not arise.

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF AUGUST 2010

Source	Suspended Particulate Matter ($\mu\text{g}/\text{Nm}^3$)	SO ₂ ($\mu\text{g}/\text{Nm}^3$)	NO _x ($\mu\text{g}/\text{Nm}^3$)	RSPM ($\mu\text{g}/\text{Nm}^3$)
Yard No 7 at Security Point	167.9	15.9	12.8	Not applicable
At corner of Lagoon	155.2	11.8	10.3	Not applicable
Time Office	110.5	10.9	9.3	61.3
Township	72.9	11.0	9.6	37.8