

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 |