

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

Date: 15.12.2011

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

SUB: TEST RESULT FOR THE MONTH OF NOVEMBER 2011

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of November 2011 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 Joint Director (S)
GOI, MoEF, North Eastern Regional Office
Upland Road, Laitumkhrach
Shillong - 793003
- iii) The Zonal Officer
N.E. Zonal Office , Central Pollution Control Board
Near Fire Brigade, Lower Motinagar
Shillong - 793014

Sr.Manager (Env & Civil)

A.TREATED EFFLUENT QUALITY FOR THE MONTH OF NOVEMBER 2011

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.11.11	30	7.7	88	328	24
02.11.11	29	7.7	94	336	27
03.11.11	29	7.7	94	344	27
04.11.11	29	7.8	92	336	30
05.11.11	29	7.8	96	344	30
06.11.11	29	7.7	92	336	27
07.11.11	29	7.7	96	328	24
08.11.11	29	7.7	94	336	27
09.11.11	29	7.8	92	336	27
10.11.11	29	7.8	96	328	24
11.11.11	29	7.8	94	328	24
12.11.11	29	7.8	96	336	27
13.11.11	29	7.5	94	320	27
14.11.11	29	7.7	94	336	27
15.11.11	29	7.7	94	336	27
16.11.11	29	7.8	96	328	24
17.11.11	29	7.8	96	336	27
18.11.11	29	7.8	98	344	27
19.11.11	28	7.8	96	336	27
20.11.11	28	7.9	96	336	27
21.11.11	28	7.9	92	336	27
22.11.11	29	7.5	94	312	24
23.11.11	28	7.6	92	336	27
24.11.11	28	7.7	96	336	27
25.11.11	28	7.8	92	328	24
26.11.11	29	7.8	90	320	24
27.11.11	28	7.8	92	336	27
28.11.11	28	7.8	94	336	27
29.11.11	28	7.7	96	328	24
30.11.11	28	7.6	92	336	27

B. RIVER WATER QUALITY OF BARAK & KUSHIYARA IN THE MONTH OF NOVEMBER 2011

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
06.11.11	1 KM Upstream of effluent discharge point	7.4	320	12.8	6.9	1.4
	At Effluent discharge point	7.4	294	14.4	6.8	2.0
	1KMDownstream of effluent discharge point	7.3	304	14.4	7.0	1.8
	15 KM Downstream at Bhanga	7.4	312	12.8	7.1	1.3
13.11.11	1 KM Upstream of effluent discharge point	7.5	286	14.4	6.9	1.5
	At Effluent discharge point	7.6	392	17.6	7.1	2.1
	1KMDownstream of effluent discharge point	7.9	386	17.6	6.8	2.0
	15 KM Downstream at Bhanga	7.6	304	16.0	7.2	1.8
	35 Km Downstream at Karimganj	7.5	292	14.4	7.3	1.5

C. GROUND WATER QUALITY DATA IN THE MONTH OF NOVEMBER 2011

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
01.11.11	Well water surrounding the Mill	7.3	BDL	Piezometric tube well / Bore well near sludge pit	6.9	BDL
08.11.11	Well water surrounding the Mill	7.9	BDL	Piezometric tube well / Bore well near sludge pit	7.1	BDL
15.11.11	Well water surrounding the Mill	7.3	BDL	Piezometric tube well / Bore well near sludge pit	7.1	BDL
29.11.11	Well water surrounding the Mill	7.2	BDL	Piezometric tube well / Bore well near sludge pit	6.8	BDL

D.STACK EMISSION MONITORING DATA IN THE MONTH OF NOVEMBER 2011

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	140.2	=	=	=
C.F.Boiler –2	128.6	=	=	=
C.F.Boiler - 3	131.3	-	-	-
S / R Boiler	97.4	8.6	-	-
Hypo Stack (C&C)	-	-	8.1	-
HCl Stack (C&C)	-	-	--	19.5

E.AMBIENT AIR QUALITY MONITORING DATA IN THE MONTH OF NOVEMBER 2011

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	271.2	11.7	13.9	Not applicable
At corner of Lagoon	228.8	9.7	11.8	Not applicable
Time Office	262.9	4.4	21.5	73.7
Township	136.0	BDL	4.4	28.0

