

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

Date: 20-12-2012

To
The Sr. Environmental Engineer
Pollution Control Board, Assam
Regional Lab Cum Office, PWD Road,
Silchar Development Authority, 1st Floor
Silchar -788 001

SUB: TEST RESULTS FOR THE MONTH OF NOVEMBER 2012

Sir,

I have the honour to submit herewith the test results of key parameters of the following sources during the month of November 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

Enclo: 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

Sr. Manager (Env & Civil)

A. TREATED EFFLUENT QUALITY IN THE MONTH OF NOVEMBER 2012

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.11.12	30	7.4	94	328	24
02.11.12	30	7.4	92	336	27
03.11.12	29	7.6	92	328	24
04.11.12	28	7.7	94	320	24
05.11.12	28	7.5	92	312	24
06.11.12	28	7.6	96	320	24
07.11.12	28	7.7	94	328	24
08.11.12	29	7.6	86	328	27
09.11.12	28	7.6	92	328	30
10.11.12	28	7.4	88	320	30
11.11.12	27	7.5	90	328	27
12.11.12	27	7.3	96	312	24
13.11.12	28	7.5	96	320	24
14.11.12	29	7.6	98	328	27
15.11.12	28	7.6	98	336	30
16.11.12	28	7.4	96	336	30
17.11.12	29	7.4	94	336	30
18.11.12	28	7.6	94	328	27
19.11.12	29	7.8	96	336	30
20.11.12	29	7.4	98	336	30
21.11.12	29	7.5	98	336	30
22.11.12	28	7.5	94	328	27
23.11.12	28	7.5	96	328	27
24.11.12	27	7.5	94	328	27
25.11.12	27	7.5	96	336	30
26.11.12	27	7.8	98	328	27
27.11.12	28	7.7	98	336	30
28.11.12	28	7.6	90	328	27
29.11.12	29	7.2	94	328	27
30.11.12	29	7.6	94	328	27

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

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
11.11.12	1 KM Upstream of effluent discharge point	7.1	132	16.0	6.8	1.7
	At Effluent discharge point	7.0	188	25.6	6.6	2.6
	1 KM Downstream of effluent discharge point	7.0	172	24.0	6.9	2.4
	15 KM Downstream at Bhanga	7.0	152	20.8	6.7	2.1
	35 Km Downstream of effluent discharge point	7.4	150	19.2	6.5	2.0
29.11.12	1 KM Upstream of effluent discharge point	7.4	184	20.8	7.3	2.1
	At Effluent discharge point	7.5	312	30.4	7.4	3.2
	1 KM Downstream of effluent discharge point	7.4	224	24.0	7.4	2.5
	15 KM Downstream at Bhanga	7.3	182	17.6	7.1	1.8
	35 Km Downstream of effluent discharge point	7.4	210	22.4	7.1	2.2

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

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
06.11.12	Well water surrounding the Mill	7.9	BDL	Piezometric tube well/ Borewell near sludge pit	7.8	BDL
14.11.12	Well water surrounding the Mill	-	-	Piezometric tube well/ Borewell near sludge pit	7.6	BDL
20.11.12	Well water surrounding the Mill	7.4	BDL	Piezometric tube well/ Borewell near sludge pit	7.5	BDL
27.11.12	Well water surrounding the Mill	7.6	BDL	Piezometric tube well/ Borewell near sludge pit	7.7	BDL

D. STACK EMISSION MONITORING DATA IN THE MONTH OF NOVEMBER 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	140.2	-	-	-
C.F.Boiler – 2	139.8	-	-	-
C.F.Boiler - 3	141.2	-	-	-
S / R Boiler	79.8	8.7	-	-
Hypo Stack (C&C)	-	-	6.7	-
HCl Stack (C&C)	-	-	-	10.7

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF NOVEMBER 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	239.4	8.8	11.0	-
At corner of Lagoon	224.5	4.3	10.8	-
Time Office	256.0	5.4	16.4	73.1
Township	160.0	BDL	2.4	29.9