

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

Date: 16-11-2012

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 OCTOBER 2012

Sir,

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

Sr. Manager (Env & Civil)

A. TREATED EFFLUENT QUALITY IN THE MONTH OF OCTOBER 2012

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.10.12	30	7.7	94	312	24
02.10.12	-	-	-	-	-
03.10.12	30	7.8	88	312	24
04.10.12	29	7.4	86	320	27
05.10.12	29	7.5	90	320	30
06.10.12	30	7.6	88	304	24
07.10.12	31	7.6	92	288	24
08.10.12	32	7.7	94	312	27
09.10.12	30	7.5	84	320	27
10.10.12	30	7.6	78	312	27
11.10.12	29	7.5	90	328	27
12.10.12	29	7.6	90	304	30
13.10.12	31	7.6	92	320	27
14.10.12	30	7.6	90	304	24
15.10.12	32	7.7	90	328	30
16.10.12	31	7.4	94	328	27
17.10.12	30	7.6	92	336	30
18.10.12	31	7.4	98	328	27
19.10.12	30	7.4	96	336	30
20.10.12	30	7.4	98	336	30
21.10.12	30	7.5	94	328	27
22.10.12	30	7.5	98	328	30
23.10.12	29	7.2	94	336	30
24.10.12	30	7.3	90	304	24
25.10.12	30	7.4	98	320	27
26.10.12	29	7.6	96	328	27
27.10.12	29	7.6	98	336	30
28.10.12	29	7.6	98	336	30
29.10.12	29	7.7	96	336	30
30.10.12	29	7.6	98	328	27
31.10.12	29	7.4	98	336	27

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

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
14.10.12	1 KM Upstream of effluent discharge point	7.1	156	17.6	6.1	1.8
	At Effluent discharge point	6.9	252	22.4	5.9	2.1
	1 KM Downstream of effluent discharge point	7.0	210	20.8	6.0	2.0
	15 KM Downstream at Bhanga	7.0	186	19.2	6.0	1.9
28.10.12	1 KM Upstream of effluent discharge point	7.2	136	11.2	5.9	1.2
	At Effluent discharge point	6.8	198	14.4	5.5	1.4
	1 KM Downstream of effluent discharge point	7.3	174	12.8	5.8	1.3
	15 KM Downstream at Bhanga	7.4	156	12.8	5.9	1.2
	35 Km Downstream of effluent discharge point	7.4	150	12.8	7.5	1.2

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

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
09.10.12	Well water surrounding the Mill	7.4	BDL	Piezometric tube well/ Borewell near sludge pit	7.4	BDL
16.10.12	Well water surrounding the Mill	7.5	BDL	Piezometric tube well/ Borewell near sludge pit	7.7	BDL
23.10.12	Well water surrounding the Mill	7.3	BDL	Piezometric tube well/ Borewell near sludge pit	7.5	BDL
30.10.12	Well water surrounding the Mill	7.6	BDL	Piezometric tube well/ Borewell near sludge pit	7.6	BDL

D. STACK EMISSION MONITORING DATA IN THE MONTH OF OCTOBER 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	122.6	-	-	-
C.F.Boiler – 2	115.3	-	-	-
C.F.Boiler - 3	SHUT	-	-	-
S / R Boiler	64.2	9.4	-	-
Hypo Stack (C&C)	-	-	9.7	-
HCl Stack (C&C)	-	-	-	11.7

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF OCTOBER 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	231.0	9.6	14.9	-
At corner of Lagoon	199.0	8.1	13.6	-
Time Office	196.2	8.2	15.7	78.3
Township	143.9	3.2	7.2	48.3