

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

Date: 23.07.2012

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

**SUB: TEST RESULTS FOR THE MONTH OF JUNE 2012**

Sir,

I have the honour to submit herewith the test results of key parameters of the following sources during the month of June 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 JUNE 2012

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.06.12	32	7.8	94	328	27
02.06.12	30	7.8	90	328	27
03.06.12	31	7.5	96	336	30
04.06.12	31	7.6	94	336	30
05.06.12	32	7.5	96	336	30
06.06.12	32	7.5	90	328	27
07.06.12	32	7.5	94	320	24
08.06.12	32	7.5	92	328	30
09.06.12	31	7.6	96	336	27
10.06.12	31	7.6	92	328	24
11.06.12	31	7.8	96	336	27
12.06.12	31	7.8	94	328	24
13.06.12	32	7.7	96	328	30
14.06.12	30	7.6	92	335	30
15.06.12	30	7.4	92	328	30
16.06.12	32	7.4	96	336	30
17.06.12	32	7.6	96	336	30
18.06.12	32	7.6	96	336	30
19.06.12	32	7.3	90	328	27
20.06.12	32	7.3	96	336	27
21.06.12	32	7.2	94	328	30
22.06.12	32	7.2	92	336	30
23.06.12	32	7.2	96	312	27
24.06.12	30	7.4	96	304	24
25.06.12	31	7.5	94	336	27
26.06.12	31	7.5	96	328	24
27.06.12	30	7.3	94	328	24
28.06.12	32	7.2	96	328	27
29.06.12	32	7.2	90	328	30
30.06.12	33	7.3	90	320	24

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

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
03.06.12	1 KM Upstream of effluent discharge point	7.1	420	16.0	6.0	1.0
	At Effluent discharge point	7.2	450	17.6	6.1	1.2
	1 KM Downstream of effluent discharge point	7.2	454	17.6	6.1	1.2
	15 KM Downstream at Bhanga	7.2	452	17.6	6.2	1.2
	35 Km Downstream at Karimganj	7.1	448	16.0	6.1	1.2
17.06.12	1 KM Upstream of effluent discharge point	7.0	360	19.2	6.3	1.1
	At Effluent discharge point	6.9	410	19.2	6.2	1.0
	1 KM Downstream of effluent discharge point	7.1	390	16.0	6.3	1.1
	15 KM Downstream at Bhanga	7.0	322	16.0	6.2	1.1
	35 Km Downstream at Karimganj	7.0	422	17.6	6.2	1.0

**C. GROUND WATER QUALITY DATA IN THE MONTH OF JUNE 2012**

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
05.06.12	Well water surrounding the Mill	7.7	BDL	Piezometric tube well/ Borewell near sludge pit	7.6	BDL
12.06.12	Well water surrounding the Mill	6.8	BDL	Piezometric tube well/ Borewell near sludge pit	7.5	BDL
19.06.12	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 JUNE 2012**

SOURCE	Particulate Matter (mg/Nm <sup>3</sup> )	H <sub>2</sub> S (mg/Nm <sup>3</sup> )	Cl <sub>2</sub> (mg/Nm <sup>3</sup> )	HCl (mg/Nm <sup>3</sup> )
C.F.Boiler – 1	142.56	-	-	-
C.F.Boiler – 2	119.80	-	-	-
C.F.Boiler - 3	128.63	-	-	-
S / R Boiler	72.45	6.63	-	-
Hypo Stack (C&C)	-	-	7.45	-
HCl Stack (C&C)	-	-	-	10.75

**E. AMBIENT AIR MONITORING DATA IN THE MONTH OF JUNE 2012**

Source	Suspended Particulate Matter (µg/Nm <sup>3</sup> )	SO <sub>2</sub> (µg/Nm <sup>3</sup> )	NO <sub>x</sub> (µg/Nm <sup>3</sup> )	RSPM (µg/Nm <sup>3</sup> )
Yard No 7 at Security Point	208.14	6.07	13.16	-
At corner of Lagoon	187.14	6.23	11.27	-
Time Office	197.61	5.57	7.05	71.05
Township	115.58	BDL	6.10	36.40

