

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

Date: 22.08.2012

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

SUB: TEST RESULTS FOR THE MONTH OF JULY 2012

Sir,

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

Date	Temp °C	pH	SS Mg/L	COD Mg/L	BOD Mg/L
01.07.12	32	7.3	96	312	27
02.07.12	32	7.5	96	320	27
03.07.12	30	7.4	92	328	27
04.07.12	30	7.3	90	328	27
05.07.12	31	7.3	90	336	30
06.07.12	31	7.3	94	336	30
07.07.12	31	7.4	94	336	30
08.07.12	32	7.5	90	328	30
09.07.12	32	7.5	96	336	30
10.07.12	30	7.5	94	336	27
11.07.12	32	7.5	92	328	27
12.07.12	31	7.4	96	336	27
13.07.12	31	7.4	98	328	30
14.07.12	30	7.5	94	336	27
15.07.12	31	7.6	96	336	27
16.07.12	32	7.3	100	312	30
17.07.12	32	7.5	98	336	30
18.07.12	31	7.5	94	336	27
19.07.12	32	7.2	98	344	27
20.07.12	32	7.3	80	328	27
21.07.12	31	7.0	78	344	30
22.07.12	32	7.2	88	336	27
23.07.12	30	7.2	80	304	24
24.07.12	30	7.2	90	312	24
25.07.12	32	7.2	88	320	24
26.07.12	32	7.1	90	328	24
27.07.12	31	7.2	90	328	24
28.07.12	32	7.2	94	328	27
29.07.12	31	7.1	88	328	27
30.07.12	32	7.0	96	336	27
31.07.12	32	7.1	90	336	27

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

Date	LOCATIONS	pH	SS mg/l	COD mg/l	DO mg/l	BOD mg/l
15.07.12	1 KM Upstream of effluent discharge point	7.1	156	19.2	7.0	1.9
	At Effluent discharge point	6.8	192	24.0	6.8	2.3
	1 KM Downstream of effluent discharge point	7.0	168	20.8	6.9	2.1
	15 KM Downstream at Bhanga	7.1	188	19.2	7.0	2.0
	35 Km Downstream at Karimganj	7.0	196	22.4	7.1	2.1
29.07.12	1 KM Upstream of effluent discharge point	7.2	178	17.6	7.2	1.7
	At Effluent discharge point	6.9	210	22.4	6.9	2.1
	1 KM Downstream of effluent discharge point	7.0	184	20.8	7.0	2.0
	15 KM Downstream at Bhanga	7.1	198	19.2	7.1	1.8

B. GROUND WATER QUALITY DATA IN THE MONTH OF JULY 2012

C.

Date	Source	pH	Mercury mg/l	Source	pH	Mercury mg/l
03.07.12	Well water surrounding the Mill	7.0	BDL	Piezometric tube well/ Borewell near sludge pit	7.1	BDL
10.07.12	Well water surrounding the Mill	7.5	BDL	Piezometric tube well/ Borewell near sludge pit	7.6	BDL
17.07.12	Well water surrounding the Mill	7.2	BDL	Piezometric tube well/ Borewell near sludge pit	7.5	BDL
24.07.12	Well water surrounding the Mill	7.3	BDL	Piezometric tube well/ Borewell near sludge pit	7.3	BDL
31.07.12	Well water surrounding the Mill	7.0	BDL	Piezometric tube well/ Borewell near sludge pit	6.8	BDL

D. STACK EMISSION MONITORING DATA IN THE MONTH OF JULY 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	135.3	-	-	-
C.F.Boiler – 2	127.8	-	-	-
C.F.Boiler - 3	140.4	-	-	-
S / R Boiler	86.2	8.27	-	-
Hypo Stack (C&C)	-	-	5.92	-
HCl Stack (C&C)	-	-	-	9.54

E. AMBIENT AIR MONITORING DATA IN THE MONTH OF JULY 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	183.5	5.26	13.43	-
At corner of Lagoon	167.0	4.0	12.57	-
Time Office	167.6	5.2	14.97	50.2
Township	127.2	BDL	6.4	32.1

