

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

DTD.15-07-2010

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

BY SPEED POST

SUB: TEST RESULT FOR THE MONTH OF JUNE 2010

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of June 2010 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.

- (i) Treated effluent
- (ii) River water
- (iii) Ground water and Piezometric tube well
- (iv) Stack Emission and
- (v) Ambient Air.

Thanking you.

Sincerely yours
For & on behalf of HPC Ltd.
Cachar Paper Mill

Encl: Test Results (Four 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, Laitumkhrah
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)

TREATED EFFLUENT QUALITY FOR JUNE 2010

DATE	TEMP °C	pH	SS mg/L	COD mg/L	BOD mg/L
01.06.10	29	7.7	98	328	27
02.06.10	28	7.6	98	320	30
03.06.10	27	7.5	100	328	27
04.06.10	27	7.5	100	312	24
05.06.10	27	7.5	100	328	27
06.06.10	27	7.5	98	320	24
07.06.10	26	7.7	98	336	30
08.06.10	27	7.6	100	328	27
09.06.10	28	7.6	96	344	27
10.06.10	27	7.7	100	328	30
11.06.10	28	7.8	94	328	30
12.06.10	28	7.7	92	320	27
13.06.10	27	7.8	96	320	30
14.06.10	27	7.8	98	328	30
15.06.10	26	7.6	98	304	27
16.06.10	27	7.5	96	336	27
17.06.10	28	7.6	98	336	27
18.06.10	28	7.6	98	320	27
19.06.10	26	7.0	98	328	30
20.06.10	27	7.7	98	336	24
21.06.10	28	7.5	98	304	27
22.06.10	29	7.2	100	320	27
23.06.10	29	7.7	98	320	27
24.06.10	28	7.5	100	344	30
25.06.10	30	7.4	96	344	30
26.06.10	28	7.5	100	344	27
27.06.10	27	7.2	96	344	27
28.06.10	27	7.6	100	344	30
29.06.10	28	7.4	98	328	24
30.06.10	29	7.8	96	312	27

**RIVER WATER QUALITY OF BARAK AND KUSHIYARA
IN THE MONTH OF JUNE 2010**

Date	LOCATIONS	pH	SS mg/l	COD, mg/l	DO mg/l	BOD mg/l
06.06.10	1 KM Upstream of effluent discharge point	6.9	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	6.3	1.1
	15 KM Downstream at Bhanga	6.9	322	16	6.2	1.1
13.06.10	1 KM Upstream of effluent discharge point	7.4	490	19.2	6.8	1.1
	At Effluent discharge point	6.9	448	16	6.4	1.2
	1 KM Downstream of effluent discharge point	6.8	398	19.2	6.2	1.0
	15 KM Downstream at Bhanga	6.8	418	16.0	6.2	1.1
	35 KM Downstream at Karimganj	6.9	422	16.0	6.0	1.1
20.06.2010	1 KM Upstream of effluent discharge point	7.2	420	16	5.7	0.9
	At Effluent discharge point	7.2	432	19.2	5.7	1.1
	1 KM Downstream of effluent discharge point	7.1	408	19.2	5.7	1.1
	15 KM Downstream at Bhanga	7.1	426	19.2	5.7	1.1
27.06.2010	1 KM Upstream of effluent discharge point	7	240	16	5.9	0.9
	At Effluent discharge point	6.9	402	20.8	5.4	1.1
	1 KM Downstream of effluent discharge point	7.6	240	19.2	5.6	1.1
	15 KM Downstream at Bhanga	7.5	212	19.2	5.7	0.6
	35 KM Downstream at Karimganj	7.0	232	16.0	5.9	0.6

GROUND WATER QUALITY IN JUNE 2010

Date	Location	pH	Mercury mg/l
01.06.10	Adm Building	7.1	BDL
01.06.10	Bore well near Brine sludge pit	7.3	BDL
08.06.10	Rly Station	7.3	BDL
08.06.10	Bore well near Brine sludge pit	7.6	0.005
22.06.10	Adm Building	7.0	BDL
22.06.10	Bore well near Brine sludge pit	8.0	0.005

STACK EMISSION MONITORING DATA IN THE MONTH OF JUNE 2010

SOURCE	Particulate Matter (mg/Nm³)	CO₂ (mg/Nm³)	H₂S (mg/Nm³)	CO (%)	Cl₂ (mg/Nm³)	HCl (mg/Nm³)

C.F.Boiler – 1	148.6	6.3	-	Less than 1	-	-
C.F.Boiler – 2	138.2	6.1	-	Less than 1	-	-
C.F.Boiler - 3	136.2	5.9	-	Less than 1	-	-
Soda Recovery Boiler	121.7	5.6	8.2	Less than 1	-	-
Hypo Stack (C&C)	-	-	-	-	9.4	-
HCl Stack (C&C)	-	-	-	-	-	27.8

AMBIENT AIR MONITORING DATA IN THE MONTH OF JUNE 2010

Source	Suspended Particulate Matter ($\mu\text{g}/\text{Nm}^3$)	SO₂ ($\mu\text{g}/\text{Nm}^3$)	NO_x ($\mu\text{g}/\text{Nm}^3$)	RSPM ($\mu\text{g}/\text{Nm}^3$)
Yard No 7 at Security Point	193.1	26.9	13.7	Not applicable
At corner of Lagoon	183.1	11.3	9.7	Not applicable
Time Office	145.2	10.9	8.7	60.0
Township	108.4	8.7	7.6	49.2

