

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

May 13, 2010

BY SPEED POST

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

SUB: TEST RESULT FOR THE MONTH OF APRIL 2010

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of April 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,
Encl: Test Results (Five pages).

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

Sr.Manager (Env & Civil)

Copy to:

- ❖ The Member Secretary
Pollution Control Board, Assam
Bamunimaidam
Guwahati – 781 021, Assam.
- ❖ The Joint Director (S)
GOI, MoEF, North Eastern Regional Office
Upland Road, Laitumkhrah
Shillong – 793003
- ❖ The Zonal Officer
N.E. Zonal Office, Central Pollution Control Board
Near Fire Brigade, Lower Motinagar
Shillong - 793014

TREATED EFFLUENT QUALITY FOR APRIL.2010

DATE	TEMP °C	pH	SS mg/L	COD mg/L	BOD mg/L
01.04.10	28	7.7	98	336	27
02.04.10	27	7.7	96	312	24
03.04.10	28	7.7	100	328	27
04.04.10	28	7.5	98	320	30
05.04.10	29	7.5	100	328	30
06.04.10	29	7.8	98	336	27
07.04.10	30	7.8	100	344	30
08.04.10	30	7.6	100	-	27
09.04.10	30	7.7	96	-	24
10.04.10	31	7.8	98	-	24
11.04.10	31	7.6	94	-	-
12.04.10	32	7.6	92	-	-
13.04.01	30	7.8	90	-	-
14.04.10	-	-	-	-	-
15.04.10	30	7.8	96	-	-
16.04.10	30	7.8	98	312	-
From 07.04.10 to 26.04.2010 MILL REMAINED SHUT					
27.04.10	26	7.9	98	320	24
28.04.10	27	7.5	98	320	27
29.04.10	28	7.8	96	328	30
30.04.10	27	7.7	100	328	30

RIVER WATER QUALITY OF BARAK AND KUSHIYARA

IN THE MONTH OF APRIL 2010

Date	LOCATIONS	pH	SS mg/l	COD, mg/l	BOD mg/l	DO mg/l
04.04.10	1 KM Upstream of effluent discharge point	7.1	1110	24.0	1.9	6.3
	At Effluent discharge point	6.9	1246	27.2	2.2	6.5
	1 KM Downstream of effluent discharge point	7.0	1176	24.0	1.9	6.3
	15 KM Downstream at Bhanga	7.1	846	22.4	1.7	6.1
11.04.10	1 KM Upstream of effluent discharge point	7.4	184	N.T	1.4	6.2
	At Effluent discharge point	7.0	248	N.T	1.9	6.4
	1 KM Downstream of effluent discharge point	6.9	272	N.T	2.2	6.4
	15 KM Downstream at Bhanga	7.8	194	N.T	1.9	6.3
	35 KM Downstram at Karimganj	7.4	156	N.T	1.7	6.1

Mill remained shut from 07-04-2010 to 26-04-2010

GROUND WATER QUALITY IN APRIL 2010

Date	Location	pH	Mercury mg/l
06.04.10	Adm Building	7.9	BDL
06.04.10	Bore well near Brine sludge pit	8.0	BDL

Mill remained shut from 07-04-2010 to 26-04-2010

STACK EMISSION MONITORING DATA FOR THE MONTH OF APRIL 2010

SOURCE	Particulate Matter (mg/Nm ³)	CO ₂ (mg/Nm ³)	H ₂ S (mg/Nm ³)	CO (%)	Cl ₂ (mg/Nm ³)	HCl (mg/Nm ³)
C.F.Boiler – 1	142.4	6.2	-	Less than 1	-	-
C.F.Boiler – 2	136.0	5.8	-	Less than 1	-	-
C.F.Boiler - 3	138.6	6.1	-	Less than 1	-	-
Soda Recovery Boiler	118.2	5.6	8.2	Less than 1	-	-
Hypo Stack (C&C)	-	-	-	-	9.8	-
HCl Stack (C&C)	-	-	-	-	-	29.5

AMBIENT AIR MONITORING DATA FOR THE MONTH OF APRIL 2010

Source	Suspended Particulate Matter ($\mu\text{g}/\text{Nm}^3$)	SO ₂ ($\mu\text{g}/\text{Nm}^3$)	NO _x ($\mu\text{g}/\text{Nm}^3$)	RSPM ($\mu\text{g}/\text{Nm}^3$)
Yard No 7 at Security Point	206.6	13.5	11.4	Not applicable
At corner of Lagoon	208.3	12.0	10.6	Not applicable
Time Office	155.7	9.3	7.5	109.0
Township	94.4	9.1	8.4	86.5