

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

DTD.12-06-2010

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 MAY 2010**

Sir,

I have the honour to submit herewith the test result of key parameters of the following sources during the month of May 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 (Five pages).

Copy to :

- i) The Member Secretary  
Pollution Control Board, Assam  
Bamunimaidam  
Guwahati – 781 021, Assam. Sr.Manager (Env & Civil )
- 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

<b>TREATED EFFLUENT QUALITY IN THE MONTH OF MAY 2010</b>						
	<b>DATE</b>	<b>TEMP</b>	<b>pH</b>	<b>SS</b>	<b>COD</b>	<b>BOD</b>
		<b>°C</b>		<b>mg/L</b>	<b>mg/L</b>	<b>mg/L</b>
	01.05.10	28	7.0	100	328	30
	02.05.10	27	7.6	98	320	27
	03.05.10	28	7.9	98	336	24
	04.05.10	29	7.6	98	328	27
	05.05.10	28	7.7	96	312	24
	06.05.10	30	7.6	98	320	27
	07.05.10	29	7.7	100	328	30
	08.05.10	29	7.6	96	320	30
	09.05.10	28	7.8	100	336	30
	10.05.10	28	7.6	98	320	27
	11.05.10	28	7.7	98	336	27
	12.05.10	28	7.6	96	328	24
	13.05.10	29	7.6	100	320	27
	14.05.10	28	8	96	312	24
	15.05.10	29	7.4	98	320	27
	16.05.10	30	7.7	100	328	24
	17.05.10	30	7.8	98	336	30
	18.05.10	29	7.5	100	328	24
	19.05.10	30	7.6	98	320	24
	20.05.10	29	7.8	96	320	24
	21.05.10	29	7.6	96	312	30
	22.05.10	29	7.7	100	328	27
	23.05.10	30	7.8	98	320	27
	24.05.10	29	7.7	98	336	30
	25.05.10	29	7.6	100	328	27
	26.05.10	29	7.6	98	320	24
	27.05.10	28	7.5	96	336	27
	28.05.10	28	7.6	98	320	27
	29.05.10	29	7.7	96	320	24
	30.05.10	30	7.8	98	328	27
	31.05.10	30	7.7	98	320	24

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

<b>Date</b>	<b>LOCATIONS</b>	<b>pH</b>	<b>SS mg/l</b>	<b>COD, mg/l</b>	<b>BOD mg/l</b>	<b>DO mg/l</b>
02.05.10	1 KM Upstream of effluent discharge point	7.2	482	17.6	6.8	1.9
	At Effluent discharge point	7.3	406	16.0	6.5	2.0
	1 KM Downstream of effluent discharge point	7.1	418	12.8	6.9	2.1
	15 KM Downstream at Bhanga	7.0	362	14.4	6.8	1.9
16.05.10	1 KM Upstream of effluent discharge point	7.4	154	12.8	6.9	1.1
	At Effluent discharge point	7.0	136	12.8	6.9	1.4
	1 KM Downstream of effluent discharge point	7.0	142	12.8	6.7	1.2
	15 KM Downstream at Bhanga	7.0	134	14.4	6.7	1.2
	35 KM Downstram at Karimganj	7.0	148	14.4	6.7	1.2
23.05.10	1 KM Upstream of effluent discharge point	7.2	564	17.6	5.6	0.6
	At Effluent discharge point	7.1	536	16	5.6	0.6
	1 KM Downstream of effluent discharge point	7.3	584	17.6	5.5	0.6
	15 KM Downstream at Bhanga	7.1	510	17.6	5.5	0.6
30.05.10	1 KM Upstream of effluent discharge point	7.1	210	17.6	6.4	0.9
	At Effluent discharge point	7	430	19.2	6.3	0.9
	1 KM Downstream of effluent discharge point	7.1	418	16	6.5	0.9
	15 KM Downstream at Bhanga	7	450	16	6.5	0.9
	35 KM Downstram at Karimganj	7	274	17.6	6.4	0.9

**GROUND WATER QUALITY IN THE MONTH OF MAY 2010**

	<b>Date</b>	<b>Location</b>	<b>pH</b>	<b>Mercury</b> mg/l	
	04.05.10	Adm Building	7.7	BDL	
	04.05.10	Bore well near Brine sludge pit	7.9	BDL	
	18.05.10	Rly Station	7.3	BDL	
	25.05.10	Bore well near Brine sludge pit	8.1	BDL	



**AMBIENT AIR MONITORING DATA IN THE MONTH OF MAY 2010**

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