

**HINDUSTAN PAPER CORPORATION LTD
CACHAR PAPER MILL
PANCHGRAM - 788802
EFFLUENT QUALITY FOR SEPTEMBER 2009**

DATE	TEMP	pH	SS	COD	BOD
			mg/L	mg/L	mg/L
01.09.09	33	7.4	98	328	30
02.09.09	33	7.4	100	328	24
03.09.09	33	7.5	100	320	27
04.09.09	32	7.9	98	328	30
05.09.09	33	7.5	96	312	30
06.09.09	30	7.2	100	320	27
07.09.09	30	7.3	98	328	30
08.09.09	32	7.2	100	328	27
09.09.09	32	7.5	100	320	24
10.09.09	30	7.7	98	328	30
11.09.09	33	7.6	100	304	27
12.09.09	33	7.5	98	320	27
13.09.09	34	7.5	100	328	30
14.09.09	31	7.4	96	320	24
15.09.09	30	7.7	100	312	27
16.09.09	30	7.5	100	320	27
17.09.09	31	7.6	96	328	30
18.09.09	28	7.6	98	312	27
19.09.09	30	7.6	98	320	27
20.09.09	31	7.5	100	328	30
21.09.09	29	7.6	96	312	27
22.09.09	32	7.8	98	320	30
23.09.09	32	7.5	100	NT	27
24.09.09	32	7.7	96	NT	NT
25.09.09	Plant Shut from 21.09.09 to 03.10.09				
TO					
30.09.09					

**RIVER WATER QUALITY FOR BARAK AND KUSHIYARA
FOR THE MONTH OF SEPTEMBER 2009**

Date	LOCATIONS	pH	SS mg/l	COD, mg/l	BOD mg/l	DO mg/l
06.09.09	1 KM Upstream of effluent discharge point	7.3	486	12.8	0.9	5.5
	At Effluent discharge point	7.4	270	6.4	0.6	5.6
	1 KM Downstream of effluent discharge point	7.1	384	4.8	0.7	5.7
	15 KM Downstream at Bhanga	6.8	250	3.2	0.6	5.6
	35 KM Downstream at Karimganj	7.3	764	8.0	0.5	5.6
* High SS and fluctuations in results is due to heavy rain.						
13.09.09	1 KM Upstream of effluent discharge point	7.4	210	14.4	0.9	6.0
	At Effluent discharge point	7.3	200	16.0	1.0	5.8
	1 KM Downstream of effluent discharge point	7.3	220	16.0	1.0	5.9
	15 KM Downstream at Bhanga	7.4	210	14.4	0.9	5.9
	35 KM Downstream at Karimganj	7.4	230	16.0	0.9	5.9
* Mill remain shut from 21.09.09 to 03-10-09						

GROUND WATER QUALITY FOR SEPT 2009			
Date	Location	pH	Mercury
01.09.09	A.D.Building	7.2	BDL
01.09.09	Bore well near Brine sludge pit	7.3	0.005
08.09.09	Rly Strn	7.3	BDL
08.09.09	Bore well near Brine sludge pit	6.9	0.005
15.09.09	A.D.Building	7.2	BDL
15.09.09	Bore well near Brine sludge pit	7.5	0.005
22.09.09	Rly Station	7.1	BDL
22.09.09	Bore well near Brine sludge pit	7.3	0.0025

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AMBIENT AIR MONITORING DATA FOR THE MONTH OF SEPT ` 2009

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	193.6	11.10	9.40	Not applicable
At corner of Lagoon	198.1	13.50	11.90	Not applicable
Time Office	146.40	12.30	11.50	82.50
Township	69.60	6.40	5.80	41.4

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STACK EMISSION MONITORING DATA FOR THE MONTH OF SEPT'09

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	147.9	6.2	-	Less than 1	-	-
C.F.Boiler – 2	148.2	6.6	-	Less than 1	-	-
C.F.Boiler - 3	134.2	5.9	-	Less than 1	-	-
Soda Recovery Boiler	128.6	5.5	8.1	Less than 1	-	-
Hypo Stack (C&C)	-	-	-	-	11.8	-
HCl Stack (C&C)	-	-	-	-	-	26.2