



THE WEST COAST PAPER MILLS LTD.,

Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325. Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL", Phone Nos. : (08284) 231391 - 395 (5 Lines)
Fax Nos. : 08284 - 231 225 (Admn. Off.) 232150 (Sales A/c.s) 230443 (Works Off.) 232148 (Paper Godown)

ISO 9001/14001
OHSAS - 18001



ZZH/CLAB-KSPCB/04/

08-07-2014

Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG – II, B – 217
B-1, Main Road, A-16th Cross
Near Hari Om Trust, Habbuwada

KARWAR – 581 303

Gentleman:

Sub: Water pollution Control Report

We are sending herewith the following for the month of June **2014**

1. The weekly analysis report of treated mill effluent (including sewage).
2. Daily readings of on-line meter of D.O., pH, Temperature & flow at single point discharge, with Energy consumption.
3. Up stream & Downstream water quality monitoring report of Kali River.

"We certify that no trade effluent, sewage effluent, Solid waste is being discharged outside the premises without treatment directly or indirectly".

Hope you will find this in order.

Thanking You,

Very truly yours,
THE WEST COAST PAPER MILLS LTD

KL CHANDAK
EXECUTIVE DIRECTOR

Encl: As above

THE WEST COAST PAPER MILLS LIMITED, DANDELI

Central Laboratory (IPC)

Report of analysis of treated effluent along with treated sewage showing performance of the treatment plant for the month of

Jun-2014

sample collected & tested by CENTRAL LABORATORY (IPC)

SL.No.	Pollution parameters as mentioned in the condition imposed under consent granted under section 25/26 of the water (prevention & control of pollution) Act 1974.	Maximum permissible limits or ranges allowed as per consent conditions.	concentration or range of parameters as per report.			
			I Week	II Week	III Week	IV Week
A	Industrail effluent		71 CPU and odourless			
1	Colour & Odour	All efforts to remove colour & odour as far as practicable				
2	Suspended solids mg/l	50.0 [max]	36	36	34	37
3	Particle size of suspended solids mg/l	Shall pass through 850 microns IS sieve	<850	<850	<850	<850
4	Dissolved solids [inorganics] mg/l	2100 [max]	728	734	726	740
5	Temperature ° C	Shall not exceed 40 ° C in any section of the stream within 15 mts. Down stream from the effluent outlet	34	33	33	29
6	pH value	7.0 - 8.5	7.3	7.4	7.3	7.3
7	Oil & Grease mg/l	10.0 [max]	Nil	Nil	Nil	Nil
8	Total residual chlorine mg/l	1.0 [max]	Nil	Nil	Nil	Nil
9	Ammonical Nitrogen [as N] mg/l	50.0 [max]	Nil	Nil	Nil	Nil
10	Total Kjeldhal Nitrogen [as N] mg/l	100.0 [max]	1.2	1.3	1.1	1.0
11	Free Ammonia [as NH ₃] mg/l	5.0 [max]	Nil	Nil	Nil	Nil
12	Bio Chemical Oxygen Demand [5 days at 20 ° C] mg/l	30.0 [max]	23	21	23	20
13	Chemical Oxygen Demand mg/l	250.0 [max]	123	126	133	127
14	Chloride [as Cl] mg/l	350.0 [max]	132	126	136	138
15	Dissolved Phosphate [as P] mg/l	5.0 [max]	Nil	Nil	Nil	Nil
16	Sulphate [as SO ₄] mg/l	1000.0 [max]	45	54	50	52
17	Sulphide [as S] mg/l	2.0 [max]	Nil	Nil	Nil	Nil
18	Phenolic compound [as C ₆ H ₅ OH] mg/l	1.0 [max]	Nil	Nil	Nil	Nil
19	Bio assay	Not Less than 90% of the test animal shall survive in 96 hrs test. The test shall be conducted as per IS 6582	Free from toxic matreials as all test fishes survived after 96 hrs			

Date : 09/07/14

Signature: 

Name : K L CHANDAK
Executive Director.

Address : The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI . (U.K.) 581-325

THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Report on daily discharge, pH, DO & temperature of combined treated effluent for the month of June – 2014

SL .No	Date	Treated mill effluent				Total Energy Consumption Kwh
		Flow m ³ /Day	pH	D.O ppm	Temp ° C	
1	1-Jun-14	66,029	7.2	3.9	33	17570
2	2-Jun-14	65,022	7.2	3.7	33	18860
3	3-Jun-14	74,145	7.3	4.2	33	18020
4	4-Jun-14	72,558	7.3	3.9	33	17507
5	5-Jun-14	71,337	7.4	3.8	33	18349
6	6-Jun-14	67,520	7.2	3.7	33	18572
7	7-Jun-14	71,634	7.3	3.7	33	16134
8	8-Jun-14	69,603	7.3	3.8	34	17798
9	9-Jun-14	70,198	7.2	3.4	34	18345
10	10-Jun-14	70,861	7.3	3.8	33	17686
11	11-Jun-14	63,707	7.3	3.9	33	19144
12	12-Jun-14	70,041	7.2	4.0	32	17869
13	13-Jun-14	61,772	7.3	4.0	33	17489
14	14-Jun-14	71,804	7.3	4.0	33	16762
15	15-Jun-14	69,290	7.3	3.9	33	16074
16	16-Jun-14	71,132	7.3	3.9	33	16651
17	17-Jun-14	73,373	7.3	3.9	33	18230
18	18-Jun-14	70,533	7.2	4.1	33	19089
19	19-Jun-14	69,295	7.2	4.0	32	19311
20	20-Jun-14	70,667	7.2	3.9	32	19678
21	21-Jun-14	69,410	7.3	4.0	32	19122
22	22-Jun-14	67,860	7.3	4.2	32	18768
23	23-Jun-14	68,467	7.2	3.9	32	18630
24	24-Jun-14	69,669	7.3	4.1	32	18336
25	25-Jun-14	70,376	7.0	3.9	33	16860
26	26-Jun-14	69,269	7.3	4.0	33	16697
27	27-Jun-14	68,948	7.3	4.0	33	17005
28	28-Jun-14	69,098	7.3	3.9	34	17113
29	29-Jun-14	70,950	7.4	3.8	34	17227
30	30-Jun-14	67,143	7.3	4.0	33	16635
Average Readings		69390	7.3	3.9	33	17851

Date 09/07/14

Signature: 

Name : K L CHANDAK

Executive Director.

Address : The West Coast Paper Mills Ltd.,

Bangur Nagar DANDELI . (U.K.) 581-325

THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Date of sample collection: 09-06-2014

Kali river upstream & Down stream water samples analysis report.

Samples collected jointly by KSPCB officials & Central Laboratory (IPC) personnel on **09-06-2014**.

SL.No	Parameter	Upstream	Downstream	
			Kariempalli Village	Harnoda Village
1	pH	7.4	7.3	7.2
2	Colour	Clear	Clear	Clear
3	Odour	No Odour	No Odour	No Odour
4	Suspended Solids ppm	22	24	20
5	Dissolved Solids ppm	64	68	66
6	Total Solids ppm	86	92	86
7	Hardness as CaCO ₃ ppm	32	34	38
8	Alkalinity (M.O)as CaCO ₃ ppm	38	36	38
9	Chloride as Cl ppm	6.6	7.2	7.8
10	Sulphate as SO ₄ ppm	13.6	14.0	14.8
11	Turbidity NTU	28	24	24
12	Sp. Conductivity μ S	18.0	16.0	18.0

Date : 9/7/2014

Signature; 

Name: **K L CHANDAK**
Executive Director.

Address: **The West Coast Paper Mills Ltd.,**
Bangur Nagar DANDELI . (U.K.) 581-325



THE WEST COAST PAPER MILLS LTD.,

Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325. Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL". Phone Nos. : (08284) 231391 - 395 (5 Lines)
Fax Nos. : 08284 - 231 225 (Admn. Off.) 232150 (Sales A/c.s) 230443 (Works Off.) 232148 (Paper Godown)

ISO 9001/14001
OHSAS - 18001



ZZH/CLAB-KSPCB/04/

09-07-2014

Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board
" Parisara Bhavan" , LIG – II, B – 217
B-1, Main Road, A-16th Cross
Near Hari Om Trust, Habbuwada

KARWAR – 581 303

Gentleman:

Sub : Air Pollution Control Report

We are sending herewith the following for the month of **June 2014**

1. Analysis report of stack emission showing the performance of the Air pollution control equipments / Instruments.
2. The Ambient Air Quality Monitoring report, meteorological report & on line Monitoring report.
3. Month wise Fly ash & Bottom ash generation quantity & disposal quantity to different parties in MT.

Hope you will find this in order.

Thanking You,

Very truly yours,

THE WEST COAST PAPER MILLS LTD

KL CHANDAK
EXECUTIVE DIRECTOR

Encl : As above

THE WEST COAST PAPER MILLS LIMITED

CENTRAL LABORATORY (IPC)

Report analysis of stack emission showing performance of air pollution control for the month of

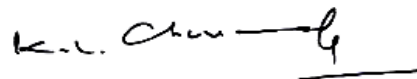
Jun-2014

Tested by Central Laboratory (IPC)

Stack No.	Stack attached to.	Rate of Emission Nm ³ / hr		Constituents to be controlled in emission.	Tolerance Limit mg/Nm ³	
		Tolerance	Achieved		Tolerance	Achieved
1	Chemical Recovery Boiler-I	1,25,000	106,008	Particulates	150	75
				H ₂ S	10	1.20
2	Chemical Recovery Boiler -II	2,25,720	217,515	Particulates	150	88
				H ₂ S	10	1.19
3	Rotary Lime Kiln-I	20,000	18,012	Particulates	150	86
4	Rotary Lime Kiln -II	39,600	35,222	Particulates	150	76
5	Smelt Dissolving vent - I	6,500	15,231	Particulates	150	68
6	Smelt Dissolving vent -II	-	17,201	Particulates	150	58
7	FBC Boiler - I	92,000	Shut	Particulates	150	Shut
				SO ₂	-	Shut
8	FBC Boiler - II	1,23,912	Shut	Particulates	150	Shut
				SO ₂	-	Shut
9	FBC Boiler - III	-	127,097	Particulates	50	44
				SO ₂	-	724
10	FBC Boiler - IV	1,44,108	123,659	Particulates	150	98
				SO ₂	-	778
11	3.8 MW DG set	-	-	-	-	Being Sold
12	4.0 MW DG set	-	-	-	-	Being Sold
13	4.04 MW DG set	-	-	-	-	Being Sold

Date : 09/07/14

Signature



K L CHANDAK

Name : Executive Director.

Address : The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI . (U.K.) 581-325

THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

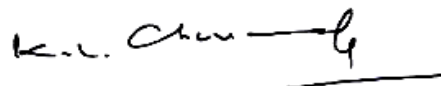
Report of the analysis of Ambient Air Quality & Meteorological data for the month of

Jun-2014

SL.No.	Characteristic	NAAQ STD	Unit	Fire station	P.M/c Old Clarifier	P.MIII Old Clarifier	Kerwad Village
I	Ambient Air Quality						
	i] Suspended Particulate Matter PM 2.5	60	µg/m ³	23.0	32.0	27.0	25.0
	ii] Suspended Particulate Matter PM 10	100	µg/m ³	53.0	69.0	58.0	54.0
	iv] Sulphur Dioxide [SO ₂]	80	µg/m ³	12.0	13.0	13.0	15.0
	v] Oxidies of Nitrogen[NOx]	80	µg/m ³	19.0	21.0	13.0	19.0
	vi] Hydrogen Sulphide [H ₂ S]	-	µg/m ³	ND	ND	ND	ND
				1 st Week	2 nd Week	3 rd Week	4 th Week
II	Meteorological Data						
	i] Wind Velocity	-	KM/hr	3.20	2.43	3.54	3.32
	ii] Wind Direction	-					
	iii] Temperature						
	Maximum	-	° C	34.0	32.0	31.0	32.5
	Minimum	-	° C	19.0	18.0	18.0	17.0
	iv] Relative Humidity,						
	Maximum						
	Morning	-	%	89	92	95	84
	Evening	-	%	75	86	86	76
	Minimum						
Morning	-	%	84	82	87	78	
Evening	-	%	70	76	76	70	
Total Rainfall	-	mm	0.760	26.990	62.500	0.500	

Date : 09/07/14

Signature:



Name : **K L CHANDAK**
Executive Director.

Address : **The West Coast Paper Mills Ltd.,**
Bangur Nagar DANDELI . (U.K.) 581-325

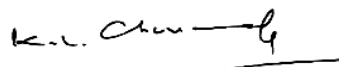
The West Coast Paper Mills Ltd Dandeli
Central laboratory (IPC)

Details of Fly ash & Bottom ash generation & Disposal practice for the month of June 2014 & for the year 2014-2015.

S.No	Particulars	2014 – 2015			
		Quantity of Bottom ash (Eco ash), MT		Quantity of Fly ash, MT	
		For the Month	For the Year	For the Month	For the Year
1.0	Total Quantity of Fly ash & Eco Ash Generated	1,914	4,988	2,702	7,895
2.0	Disposal Details				
2.1.0	Cement Industries				
2.1.1	Katwa Cement , Yadwad	Nil	Nil	Nil	Nil
2.1.2	Kanori Cement , Bagalkot	11	125	Nil	18
2.1.3	Channageri Cement Mudhol	Nil	Nil	Nil	Nil
2.1.4	Balaji Traders	Nil	Nil	Nil	Nil
2.1.5	Sub Total SI.No 2.1.0 (SI. No 2.1.1 to 2.1.4)	11	125	Nil	18
2.2.0	Brick / Block manufacturing Industries				
2.2.1	Hubli	82	150	906	2,328
2.2.2	Kali Nirmiti Kendra , Dandeli / Nearby area	1346	3,654	1,368	3,942
2.2.3	Others	473	1,057	428	1,607
2.2.4	Sub Total SI.No 2.2.0 (SI. No 2.2.1 to 2.2.3)	1,901	4,861	2,702	7,877
2.3.0	Disposal into pits				
2.3.1	Agri/Uni./Rampur	Nil	Nil	Nil	Nil
2.3.2	Sub Total SI.No 2.3.0 (SI . No 2.3.1)	Nil	Nil	Nil	Nil
3.0	Grand Total Of Disposed quantity SI.No (SI. No 2.1.6+2.2.4+2.3.2)	1,912	4,986	2,702	7,895

Date : 09/07/14

Signature



Name :

K L CHANDAK
Executive Director.

Address :

The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI . (U.K.) 581-325



THE WEST COAST PAPER MILLS LTD.,

Regd. Office & Works : P.B. No.5, Bangur Nagar, DANDELI-581 325. Dist. Uttar Kannada (Karnataka) India
Grams : "KAGAJMILL". Phone Nos. : (08284) 231391 - 395 (5 Lines)
Fax Nos. : 08284 - 231 225 (Admn. Off.) 232150 (Sales A/c.s) 230443 (Works Off.) 232148 (Paper Godown)

ISO 9001/14001
OHSAS - 18001



ZZH/CLAB-KSPCB/04/

09-07-2014

Environmental Officer,
Regional Office,
Karnataka State Pollution Control Board,
" Parisara Bhavan" , LIG – II, B – 217,
B-1, Main Road, A-16th Cross,
Near Hari Om Trust, Habbuwada,

KARWAR – 581 303

Gentleman:

Sub: Analysis report of treated trade effluent collected jointly by K.S.P.C.B. official & mills.

We are enclosing herewith our analysis report of above mentioned sample collected jointly by K.S.P.C.B. Official & mills on 9th June 2014.

Hope you will find this in order.

Thanking You,

Very truly yours,
THE WEST COAST PAPER MILLS LTD

KL CHANDAK
EXECUTIVE DIRECTOR

Encl : As above

THE WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Analysis report of treated trade effluent along with treated colony sewage
(samples collected jointly by K.S.P.C.B. officials KARWAR and Central Laboratory-IPC)
personnel on **09-06-2014**.

SL.No	Pollutants as specified in consent condition	Tolerance Limits	Pollutants Concentration
A	Industrial effluent		
		All efforts to remove colour & odour as far as practicable	72 CPU & odourless
1	Colour & Odour		
2	Suspended solids mg/l	50.0 [max]	36
3	Particle size of suspended solids mg/l	Shall pass through 850 microns IS sieve	Less than 850 μ
4	Dissolved solids [inorganics] mg/l	2100 [max]	668
5	Temperature ° C	Shall not exceed 40 ° C in any section of the stream within 15 mts. Down stream from the effluent outlet	34
6	pH value	7.0 - 8.5	7.4
7	Oil & Greese mg/l	10.0 [max]	Nil
8	Total residual chlorine mg/l	1.0 [max]	Nil
9	Ammonical Nitrogen [as N] mg/l	50.0 [max]	Nil
10	Total Kjeldhal Nitrogen [as N] mg/l	100.0 [max]	1.2
11	Free Ammonia [as NH ₃] mg/l	5.0 [max]	Nil
12	Bio Chemical Oxygen Demand [5 days at 20 ° C] mg/l	30.0 [max]	21
13	Chemical Oxygen Demand mg/l	250.0 [max]	120
14	Chloride [as Cl] mg/l	350.0 [max]	138
15	Dissolved Phosphate [as P] mg/l	5.0 [max]	0.01
16	Sulphate [as SO ₄] mg/l	1000.0 [max]	60
17	Sulphide [as S] mg/l	2.0 [max]	Nil
18	Phenolic compound [as C ₆ H ₅ OH] mg/l	1.0 [max]	Nil
19	Bio assay	Not Less than 90% of the test animal shall survive in 96 hrs test. The test shall be conducted as per IS 6582	Free from toxic materials as all test fishes survived after 96 hrs

Date : 09/07/14

Signature



Name : K L CHANDAK
Executive Director.

Address : The West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI . (U.K.) 581-325

The West Coast Paper Mills Ltd Dandeli
Central Laboratory (IPC)

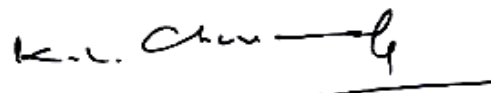
Details of Lubricating waste oil And Furnance oil sludge

June-2014

S.No	Particulars	Quantity (KL)	
		For the Month	For the Year from April 2014 to March 2015
I	<u>LUBRICATING WASTE OIL</u>		
1.0	Total generation	Nil	Nil
2.0	Total Quantity Disposed	Nil	Nil
2.3	Balance in storage yard	Nil	Nil
II	<u>FURNANCE OIL SLUDGE</u>		
1.0	Total generation	Nil	Nil
2.0	Total Quantity Disposed		
2.1	Recycled in RLK	Nil	Nil
2.2	Closing Balance	Nil	Nil
III	<u>E – Waste</u>		Quantity (MT)
			For the Year from April 2014 to March 2015
2.0	Total Quantity Disposed	Nil	Nil
IV	<u>Scrap Batteries</u>	For the Month	For the Year from April 2014 to March 2015
1.0	Total Quantity Disposed	Nil	Nil

Date : 09/07/14

Signature



Name : **K.L. Chandak**
Executive Director.

Address : The West Coast Paper Mills Ltd .. Dandeli
Bangur Nagar DANDELI (U.K.) 581325