

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



ZZL/CLAB-KSPCB/17/ 2980
07-08-2018

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

Speed Post with A D

Dear Sir,

Sub: Water pollution Control Report

We are sending herewith the following for the month of **July 2018**.

1. The weekly analysis report of treated mill effluent (including sewage).
2. Daily on-line meter Readings of D.O, 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".

We hope you will find this in order.

Thanking You,

Very truly yours,
THE WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

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

Jul-2018

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.				Dates on which			
			I Week	II Week	III Week	IV Week	There was breakdown or failure of the plant	Under Performance was noticed		
A	Industrial effluent	All efforts to remove colour & odour as far as practicable	68 CPU and odourless				No Breakdowns or Failure	Continuous		
1	Colour & Odour									
2	Suspended solids	mg/l	May	[max]	27	29			27	24
3	Particle size of suspended solids	m	Shall pass through 850 microns		<850	<850			<850	<850
			IS sieve							
4	Dissolved solids [inorganics]	mg/l	2100	[max]	776	732			798	718
5	Temperature	° C	Shall not exceed 40 ° C in any section of the stream within 15 mts. Down stream from the effluent outlet		33	32			33	34
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]	1.0	1.2			1.1	1.3
11	Free Ammonia [as NH ₃]	mg/l	5.0	[max]	Nil	Nil			Nil	Nil
12	Bio Chemical Oxygen Demand [3 days at 27 ° C]	mg/l	30.0	[max]	15	15			18	16
13	Chemical Oxygen Demand	mg/l	250.0	[max]	124	138			134	127
14	Chloride [as Cl]	mg/l	350.0	[max]	158	144			154	146
15	Dissolved Phosphate [as P]	mg/l	5.0	[max]	Nil	Nil			Nil	Nil
16	Sulphate [as SO ₄]	mg/l	1000.0	[max]	64	50			52	54
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 materials as all test fishes survived after 96 hrs					

Date : 07-08-2018

Signature : 

Name : **B H Rathi**
President Technical

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

WEST COAST PAPER MILLS LIMITED, DANDELI

Central Laboratory (IPC)

Report on daily discharge, pH. DO & Temperature of combined treated effluent for the month of July- 2018

SL .No	Date	Discharge	D.O ppm	Temp o C	Total
					Energy Consumption Kwh
1	1-Jul-18	55034	3.8	34	19890
2	2-Jul-18	58078	3.8	33	22142
3	3-Jul-18	58275	3.9	33	22206
4	4-Jul-18	56559	3.9	33	20174
5	5-Jul-18	60778	4.1	33	21670
6	6-Jul-18	61369	4.4	32	19041
7	7-Jul-18	42848	4.1	34	19940
8	8-Jul-18	31016	4.3	32	14163
9	9-Jul-18	41863	3.7	34	13495
10	10-Jul-18	43271	4.1	33	20841
11	11-Jul-18	42901	4.6	33	20700
12	12-Jul-18	46017	4.2	32	20179
13	13-Jul-18	45356	4.1	35	22835
14	14-Jul-18	38770	4.3	33	18690
15	15-Jul-18	43934	4.0	34	20217
16	16-Jul-18	46253	3.7	34	18610
17	17-Jul-18	45310	4.0	35	20492
18	18-Jul-18	43849	4.3	33	20655
19	19-Jul-18	44210	4.1	33	19934
20	20-Jul-18	44890	3.9	31	21215
21	21-Jul-18	46406	3.6	34	21330
22	22-Jul-18	40770	3.8	34	20164
23	23-Jul-18	44010	4.0	32	20108
24	24-Jul-18	46421	4.1	34	19210
25	25-Jul-18	49302	3.9	33	19468
26	26-Jul-18	47105	4.3	31	19538
27	27-Jul-18	44892	4.5	34	18716
28	28-Jul-18	49402	4.0	33	18740
29	29-Jul-18	49521	4.4	32	20432
30	30-Jul-18	48817	4.0	35	17091
31	31-Jul-18	47944	4.4	32	19314
	Average Reading	47264	4.1	33	19716

Date : 07 -08 -2018

Signature : Name : B H Rathi
President TechnicalAddress : West Coast Paper Mills Ltd.,
Bangur Nagar DANDELI . (U.K.) 581-325

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

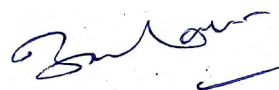
Date of sample collection: 26-07-2018

Kali river upstream & Down stream water samples analysis report.
 Samples collected jointly by KSPCB officials & Central Laboratory (IPC) personnel on 26-07-2018

SL.No	Parameter	Upstream	Downstream	
			Kariempalli Village	Harnoda Village
1	pH	7.4	7.5	7.4
2	Colour	Turbid	Turbid	Turbid
3	Odour	No Odour	No Odour	No Odour
4	Suspended Solids	Mg/L 28	30	26
5	Dissolved Solids	Mg/L 38	34	38
6	Total Solids	Mg/L 66	64	64
7	Hardness as CaCO ₃	Mg/L 36	32	38
8	Alkalinity (M.O)as CaCO ₃	Mg/L 38	42	40
9	Chloride as Cl	Mg/L 7.8	7.6	7.4
10	Sulphate as SO ₄	Mg/L 15.4	15.8	16.0
11	Turbidity	NTU 300	300	300
12	B O D ₃	Mg/L 1.8	2.0	1.8
13	Dissolved Oxygen	Mg/L 7.8	7.6	7.5
14	Sp. Conductivity	<i>ms</i> 23.6	21.1	23.5

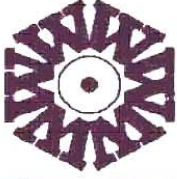
Date : 07 -08 -2018

Signature :



Name : **B H Rathi**
President Technical

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



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



ZZL/CLAB-KSPCB/17/ 2981
07-08-2018

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

Speed Post with A D

Dear Sir,

Sub : Air Pollution Control Report

We are sending herewith the following for the month of July 2018.

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

We hope you will find this in order.

Thanking You,

Very truly yours,
THE WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)

Encl: As above

WEST COAST PAPER MILLS LIMITED

CENTRAL LABORATORY (IPC)

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

Jul-2018

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	100,488	Particulates	150	56.0
				H ₂ S	10	0.80
2	Chemical Recovery Boiler -II	2,25,720	121,513	Particulates	150	69.0
				H ₂ S	10	1.00
3	Rotary Lime Kiln-I	20,000	8,120	Particulates	150	11.0
4	Rotary Lime Kiln -II	39,600	3,732	Particulates	150	14.0
5	FBC Boiler - I	92,000	Shut	Particulates	150	Shut
6	FBC Boiler - II	1,23,912	Shut	Particulates	150	Shut
7	FBC Boiler - III	1,38,480	111,904	Particulates	150	49.0
8	FBC Boiler - IV	1,44,108	144,108	Particulates	150	57.0

Note : Flue gases of RLK I & II have been diverted to PCC plant for manufacture of PCC to reduce CO₂ emission to Environment.

Date : 07 -08 -2018

Signature :



Name : B H Rathi
President Technical

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

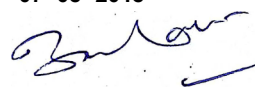
WEST COAST PAPER MILLS LIMITED, DANDELI
Central Laboratory (IPC)

Analysis Report of Ambient Air Quality monitoring for the month of July 2018

SL.No.	Characteristic	NAAQ STD	Unit	Fire station	P.M/c Old Clarifier	P.Mill Old Clarifier	Kerwad Village
I	Ambient Air Quality						
	ij] Suspended Particulate Matter PM 2.5	60	µg/m ³	35.0	32.0	37.0	29.0
	ii] Suspended Particulate Matter PM 10	100	µg/m ³	72.0	68.0	71.0	61.0
	iv] Sulphur Dioxide [SO ₂]	80	µg/m ³	10.0	12.3	12.5	14.6
	v] Oxidies of Nitrogen[NO _x]	80	µg/m ³	23.0	22.0	21.0	22.0
	vi] Hydrogen Sulphide [H ₂ S]	-	µg/m ³	Negl	Negl	Negl	Negl
Meteorological Data For month of July 2018							
II				1 st Week	2 nd Week	3 rd Week	4 th Week
	ij] Wind Velocity	-	KM/hr	2.70	3.63	4.75	2.32
	ii] Wind Direction	-		SSE	SW	NE	NWW
	iii] Temperature						
	Maximum	-	° C	31.0	24.0	27.0	28.0
	Minimum	-	° C	20.5	21.0	20.5	21.5
	iv] Relative Humidity,						
	Maximum						
	Morning	-	%	100	97	97	94
	Evening	-	%	79	74	84	75
	Minimum						
	Morning	-	%	94	91	94	92
	Evening	-	%	69	72	69	70
	Total Rainfall	-	mm	81.500	208.750	142.000	63.750

Date : 07 -08 -2018

Signature :



Name : B H Rathi

President Technical

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

West Coast Paper Mills Ltd Dandeli
Central laboratory (IPC)

Details of Fly ash & Bottom ash generation & Disposal practice for the month of July 2018 and for the year 2018-2019.

S.No	Particulars	2018 – 2019			
		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	981	4,164	2,748	9,519
2.0	Disposal Details				
2.1.0	Cement Industries				
2.1.1	JK cement	Nil	Nil	Nil	Nil
2.1.2	Kanori Cement , Bagalkot	Nil	Nil	Nil	Nil
2.1.2	Sub Total SI.No 2.1.0 (SI. No 2.1.1)	Nil	Nil	Nil	Nil
2.2.0	Brick / Block manufacturing Industries				
2.2.1	Hubli	12	911	37	439
2.2.2	Kali Nirmiti Kendra , Dandeli / Nearby area	969	3,253	2,711	9,080
2.2.3	Others	Nil	Nil	Nil	Nil
2.2.4	Sub Total	Nil	Nil	Nil	Nil
2.3.0	Grand Total Of Disposed quantity SI.No (SI. No 2.1.0+ 2.2.0)	981	4,164	2,748	9,519

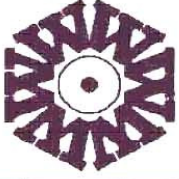
Date : 07 -08 -2018

Signature :



Name : **B H Rathi**
President Technical

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



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



ZZL/CLAB-KSPCB/17/ 2982
07-08-2018

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.

Speed Post with A D

Dear Sir,

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 26th of July 2018.

We hope you will find this in order.

Thanking You,

Very truly yours,
THE WEST COAST PAPER MILLS LTD

B H Rathi
President (Technical)


Encl: As above

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 **26-07-2018**

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	65 CPU & odourless
1	Colour & Odour		
2	Suspended solids mg/l	50.0 [max]	18
3	Particle size of suspended solids m	Shall pass through 850 microns IS sieve	Less than 850 μ
4	Dissolved solids [inorganics] mg/l	2100 [max]	866
5	Temperature $^{\circ}$ C	Shall not exceed 40 $^{\circ}$ C in any section of the stream within 15 mts. Down stream from the effluent outlet	30
6	pH value	7.0 - 8.5	7.4
7	Oil & Grease 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]	1.0
11	Free Ammonia [as NH ₃] mg/l	5.0 [max]	Nil
12	Bio Chemical Oxygen Demand [3 days at 27 $^{\circ}$ C] mg/l	30.0 [max]	13
13	Chemical Oxygen Demand mg/l	250.0 [max]	110
14	Chloride [as Cl] mg/l	350.0 [max]	162
15	Dissolved Phosphate [as P] mg/l	5.0 [max]	0.091
16	Sulphate [as SO ₄] mg/l	1000.0 [max]	62
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 : 07 -08 -2018

Signature : 

Name : **B H Rathi**
President Technical

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

West Coast Paper Mills Ltd Dandeli
Central Laboratory (IPC)

Details of Lubricating waste oil And Furnace oil sludge

July-2018

	SL.No	Particulars	Quantity (KL)		Category (5.1)
			For the Month	For the Year from April 2018 to March 2019	
I		<u>LUBRICATING WASTE OIL</u>			
	a	Total generation	Nil		3.800
	b	Total Quantity Disposed	Nil		3.800
	c	Balance in storage yard	Nil		Nil
II		<u>FURNANCE OIL SLUDGE</u>	Quantity (KL)		Category (3.3)
	a	Total generation	Nil		Nil
	b	Total Quantity Disposed	Nil		Nil
	c	Recycled in RLK	Nil		Nil
	d	Closing Balance	Nil		Nil

III	E – Waste		Quantity in (Kgs)	
	a	Total Quantity Disposed	4560	

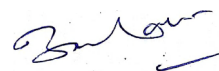
IV	Non Ferrous scrap		Quantity in (Kgs)	
	a	Scrap copper rewinding wire and copper cable	Nil	

V	a	Waste Batteries	Quantity in (Kgs)	
			Nil	

VI	Plastic Waste		Quantity in Nos	
	a	200 Liters Capacity Carboys	544	1610
			Quantity in MT	
	b	30 to 60 liters Capacity Carboys	2.68	14.04

Date : 07 -08 -2018

Signature :



Name : B H Rathi
President Technical

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