



# WEST COAST PAPER MILLS LTD.,

Registered & Works Office : Post Box No. 5, Bangur Nagar, Dandeli-581 325  
Dist Uttar Kannada (Karnataka) - India

CORPORATE IDENTITY NO : L02101KA1955PLC001936 website : www.westcoastpaper.com  
Ph : (08284) 231391 - 395 (5 lines) Fax : 08284-231225 (Admn. Office) 230443 (Works Office)



**ZZO/CLAB-KSPCB/17/ 1977**  
**09 -11 -2021**

Environmental Officer,  
Regional Office,  
Karnataka State Pollution Control Board  
" Parisara Bhavan" , LIG – II, B – 217  
B-1, Main Road, A-16<sup>th</sup> 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 **October - 2021**.

1. The weekly analysis report of treated mill effluent (including sewage).
2. Daily Readings of pH,D.O and Flow at single point discharge, with Energy Consumption.
3. Up stream & Downstream water quality monitoring report of Kali River.

" We Assure 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,  
**WEST COAST PAPER MILLS LTD**

**B H Rathi**  
**President (Technical)**

Encl : As above



Corporate Office : 31, Chowringhee Road, Kolkata - 700 016  
Phone : (033) 2265 6271-78 (8 lines), Fax : (033) 2226 5242,  
Email : wcpm.sale@westcoastpaper.com

**WEST COAST PAPER MILLS LIMITED, DANDELI**  
Central Laboratory ( Env. Cell )

Analysis report of treated effluent along with treated sewage showing performance of the treatment plant for the month of October - 2021

Sample collected & tested by CENTRAL LABORATORY (Env. Cell)

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
<b>A</b>	<b>Industrial effluent</b>	All efforts to remove colour & odour as far as practicable	<b>CPU and odorless</b>				No Breakdowns or Failure	
1	Colour & Odour		75	68	72	70		
2	Suspended solids	mg/l 50.0 [ max ]	28	24	22	26		
3	Dissolved solids [Inorganics]	mg/l 2100	826	784	810	774		
4	Temperature	°C Shall Not Exceed More than 40 °C	34	31	33	32		
5	pH value	7.0 - 8.5	7.1	7.4	7.2	7.5		
6	Oil & Grease	mg/l 10.0 [ max ]	Nil	Nil	Nil	Nil		
7	Total residual chlorine	mg/l 1.0 [ max ]	Nil	Nil	Nil	Nil		
8	Ammonical Nitrogen [as N]	mg/l 50.0 [ max ]	Nil	Nil	Nil	Nil		
9	Total Kjeldhal Nitrogen [as N]	mg/l 100.0 [ max ]	1.5	1.4	1.8	1.6		
10	Free Ammonia [ as NH <sub>3</sub> ]	mg/l 5.0 [ max ]	Nil	Nil	Nil	Nil		
11	Bio Chemical Oxygen Demand [3 days at 27 °c ]	mg/l 30.0 [ max ]	18	24	22	21		
12	Chemical Oxygen Demand	mg/l 250.0 [ max ]	211	228	206	180		
13	Chloride [ as Cl ]	mg/l 350.0 [ max ]	221	230	210	215		
14	Dissolved Phosphate [ as P ]	mg/l 5.0 [ max ]	Nil	Nil	Nil	Nil		
15	Sulphate [ as SO <sub>4</sub> ]	mg/l 1000.0 [ max ]	66	74	70	82		
16	Sulphide [ as S ]	mg/l 2.0 [ max ]	Nil	Nil	Nil	Nil		
17	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 : 09-11-2021

Signature :



Name : **B H Rathi**  
President Technical

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

**WEST COAST PAPER MILLS LIMITED, DANDELI**  
Central Laboratory (Env. Cell )

Report on daily Effluent discharge, pH, DO & Energy Consumption of combined treated effluent

For the month October – 2021

SL.No	Date	Treated Effluent Discharge	pH	D.O ppm	Total
					Energy Consumption Kwh
1	01-10-2021	45265	7.6	4.3	18508
2	02-10-2021	35028	7.4	4.2	18601
3	03-10-2021	44126	7.5	4.4	16973
4	04-10-2021	43603	7.6	4.3	17804
5	05-10-2021	45095	7.7	4.2	17593
6	06-10-2021	49250	7.6	4.2	17251
7	07-10-2021	44420	7.6	4.3	20067
8	08-10-2021	42625	7.6	4.2	18168
9	09-10-2021	42215	7.7	4.2	15635
10	10-10-2021	39874	7.8	4.2	15926
11	11-10-2021	39365	7.5	4.1	17730
12	12-10-2021	38372	7.6	4.2	17832
13	13-10-2021	40813	7.6	4.2	18238
14	14-10-2021	40216	7.6	4.2	17879
15	15-10-2021	38784	7.6	4.2	19329
16	16-10-2021	39939	7.7	4.2	20352
17	17-10-2021	39282	7.5	4.2	18821
18	18-10-2021	39729	7.6	4.4	20742
19	19-10-2021	40901	7.7	4.1	20107
20	20-10-2021	39998	7.5	4.1	17597
21	21-10-2021	38943	7.6	4.2	16579
22	22-10-2021	38602	7.6	4.3	19333
23	23-10-2021	39251	7.5	4.2	18305
24	24-10-2021	37468	7.6	4.2	17575
25	25-10-2021	38193	7.6	4.1	17405
26	26-10-2021	39314	7.8	4.3	18672
27	27-10-2021	39045	7.7	4.3	18422
28	28-10-2021	37840	7.6	4.1	19202
29	29-10-2021	38296	7.6	4.3	19418
30	30-10-2021	39709	7.4	4.5	19014
31	31-10-2021	40941	7.6	4.3	18911
	<b>Average</b>	<b>40532</b>	<b>7.6</b>	<b>4.2</b>	<b>18322</b>

Date : 09 -11 -2021

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 ( Env. Cell )**

Date of sample collection : 05-10-2021

Kali river upstream & Down stream water samples analysis report.

Samples collected on 05-10-2021

SL. No.	Parameter	Upstream	Downstream	
			Kariempalli Village	Harnoda Village
1	pH	7.5	7.2	7.4
2	Colour	Turbid	Turbid	Turbid
3	Odour	No Odour	No Odour	No Odour
4	Suspended Solids	Mg/L 24	30	32
5	Dissolved Solids	Mg/L 32	38	40
6	Total Solids	Mg/L 56	68	72
7	Hardness as CaCO <sub>3</sub>	Mg/L 38	32	34
8	Alkalinity (M.O)as CaCO <sub>3</sub>	Mg/L 28	30	26
9	Chloride as Cl	Mg/L 8.6	9.4	9.0
10	Sulphate as SO <sub>4</sub>	Mg/L 26.4	22.8	24.4
11	Turbidity	NTU 220	220	220
12	B O D <sub>3</sub>	Mg/L 1.2	1.6	1.4
13	Dissolved Oxygen	Mg/L 7.8	7.5	7.1
14	Sp. Conductivity	ms 27.2	32.3	34.0

Date : 09 -11 -2021

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.,

Registered & Works Office : Post Box No. 5, Bangur Nagar, Dandeli-581 325  
Dist Uttar Kannada (Karnataka) - India

CORPORATE IDENTITY NO : L02101KA1955PLC001936 website : www.westcoastpaper.com  
Ph : (08284) 231391 - 395 (5 lines) Fax : 08284-231225 (Admn. Office) 230443 (Works Office)



**ZZO/CLAB-KSPCB/17/1978**  
**09 - 11 - 2021**

Environmental Officer,  
Regional Office,  
Karnataka State Pollution Control Board  
" Parisara Bhavan" , LIG – II, B – 217  
B-1, Main Road, A-16<sup>th</sup> 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 **October -2021**.

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.

Hope you will find this in order.

Thanking You,

Very Truly yours,  
**WEST COAST PAPER MILLS LTD**

**B H Rathi**  
**President (Technical)**

Encl : As above



Corporate Office : 31, Chowringhee Road, Kolkata - 700 016  
Phone : (033) 2265 6271-78 (8 lines), Fax : (033) 2226 5242,  
Email : wcpm.sale@westcoastpaper.com

# WEST COAST PAPER MILLS LIMITED

CENTRAL LABORATORY ( Env.Cell )

Report analysis of stack emission showing performance of air pollution control for the month of October - 2021

Tested by Central Laboratory ( Env. Cell )

Stack No.	Stack attached to.	Rate of Emission Nm <sup>3</sup> / hr		Constituents to be controlled in emission.	Tolerance Limit mg/Nm <sup>3</sup>	
		Tolerance	Achieved		Tolerance	Achieved
1	Chemical Recovery Boiler-I	1,25,000	115,114	Particulates	150	68.0
				H <sub>2</sub> S	10	0.88
2	Chemical Recovery Boiler -II	2,25,720	136,768	Particulates	150	70.0
				H <sub>2</sub> S	10	0.92
3	Rotary Lime Kiln-I	20,000	14,307	Particulates	150	58.0
4	Rotary Lime Kiln -II	39,600	18,312	Particulates	150	64.0
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	115,552	Particulates	150	82.0
8	FBC Boiler - IV	1,44,108	124,702	Particulates	150	74.0

Note : Flue gases of RLK I & II have been diverted to PCC plant for manufacture of PCC to reduce CO<sub>2</sub> emission to Environment.

Date : 09 -11 -2021

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 ( Env. Cell)

**Analysis Report of Ambient Air Quality monitoring for the month of October - 2021**

SL.No.	Characteristic	NAAQ STD	Unit	Fire station	Administration Office	Security Gate towards Halmaddl village	ETP area
I	<b>Ambient Air Quality</b>						
	i] Suspended Particulate Matter PM 2.5	60	µg/m <sup>3</sup>	25.0	21.0	28.0	24.0
	ii] Suspended Particulate Matter PM 10	100	µg/m <sup>3</sup>	53.0	46.0	56.0	51.0
	iv] Sulphur Dioxide [ SO <sub>2</sub> ]	80	µg/m <sup>3</sup>	26.8	18.6	18.3	20.6
	v] Oxidies of Nitrogen[NOx]	80	µg/m <sup>3</sup>	13.8	7.8	10.5	12.9
	vi] Hydrogen Sulphide [H <sub>2</sub> S]	-	µg/m <sup>3</sup>	Negl	Negl	Negl	Negl
<b>Meteorological Data For month of October 2021</b>							
II				1 <sup>st</sup> Week	2 <sup>nd</sup> Week	3 <sup>rd</sup> Week	4 <sup>th</sup> Week
	i] Wind Velocity	-	KM/hr	0.75	0.98	0.76	1.44
	ii] Wind Direction	-					
	Morning	-		SW	SSE	S	W
	Evening	-		SSW	SW	SWW	SEE
	iii] Temperature						
	Maximum	-	° C	31.0	30.0	31.0	30.0
	Minimum	-	° C	20.0	21.0	20.0	19.5
	iv] Relative Humidity,						
	Maximum						
	Morning	-	%	100.0	97.0	97.0	94.2
	Evening	-	%	88.8	83.6	76.6	83.6
	Minimum						
	Morning	-	%	88.5	88.5	88.6	86.0
	Evening	-	%	69.6	67.0	67.0	69.7
	Total Rainfall	-	cm	16.850	0.250	0.000	0.000

Date : 09 -11 -2021

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 ( Env.Cell )

Details of Fly ash & Bottom ash generation & Disposal practice for the month of October - 2021 and for the year 2021-2022.

S.No	Particulars	2021 – 2022			
		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	<b>Total Quantity of Fly ash &amp; Eco Ash Generated</b>	1,763	14,408	3,844	29,156
2.0	<b>Disposal Details</b>				
2.1.0	<b>Cement Industries</b>				
2.1.1	JK cement	Nil	Nil	Nil	238
2.1.2	Kanori Cement , Bagalkot	Nil	Nil	Nil	Nil
2.1.2	<b>Sub Total Sl.No 2.1.0 ( Sl. No 2.1.1 )</b>				
2.2.0	<b>Brick / Block manufacturing Industries</b>				
2.2.1	Hubli	Nil	13	54	410
2.2.2	Kali Nirmitti Kendra , Dandeli / Nearby area	1,763	14,395	3790	28,508
2.2.3	Others	Nil	Nil	Nil	Nil
2.2.4	<b>Sub Total</b>	1,763	14,408	3844	29,156
2.3.0	<b>Grand Total Of Disposed quantity Sl.No ( Sl. No 2.1.0+ 2.2.0 )</b>	1,763	14,408	3,844	29,156

Date : 09 -11 -2021

Signature :



Name : B H Rathi  
President Technical

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





# WEST COAST PAPER MILLS LTD.,

Registered & Works Office : Post Box No. 5, Bangur Nagar, Dandeli-581 325

Dist Uttar Kannada (Karnataka) - India

CORPORATE IDENTITY NO : L02101KA1955PLC001936 website : www.westcoastpaper.com  
Ph : (08284) 231391 - 395 (5 lines) Fax : 08284-231225 (Admn. Office) 230443 (Works Office)



ZZO/CLAB-KSPCB/17/1979  
09-11-2021

**Senior Environmental Officer,**  
Hazardous waste cell,  
Karnataka State Pollution Control Board  
49, Parisara Bhavan,  
4<sup>th</sup> & 5<sup>th</sup> Floor,  
Church Street  
**Bangalore 560 001**

**Speed post with A.D**

Dear Sir,

**Sub :** Details of Wastes from Scrap yard.

We are sending herewith the following for the month of **October-2021**.

1. Quantity of storage & transportation details of Waste Oil.
2. Quantity of Waste oil sludge reprocessed on our RLK.
3. E – Waste generation and Disposal details.
4. Detail Disposal of Non Ferrous Scrap.
5. Detail disposal of Empty plastic carboys.
6. Details of Disposal of Waste Batteries.

We hope you will find this in order.

Thanking You,

Very Truly yours,  
**WEST COAST PAPER MILLS LTD**

**B H Rathi**  
**President (Technical)**

Encl : As above

Cc : Environmental Officer,  
Regional Office,  
Karnataka State Pollution Control Board  
" Parisara Bhavan" , LIG – II, B – 217  
B-1, Main Road, A-16<sup>th</sup> Cross  
Near Hari Om Trust, Habbuwada  
**KARWAR – 581 303**

**Speed Post With A D**



The mark of  
responsible forestry

Corporate Office : 31, Chowringhee Road, Kolkata - 700 016  
Phone : (033) 2265 6271-78 (8 lines), Fax : (033) 2226 5242,  
Email : wcpm.sale@westcoastpaper.com

**West Coast Paper Mills Ltd Dandell**  
Central Laboratory ( Env.Cell )

Details of Lubricating waste Oil And Furnace oil sludge

October-2021

SL.No	Particulars	Quantity ( KL )		Category (5.1)
		For the Month	For the Year from April 2021 to March 2022	
<b>I</b>	<b><u>LUBRICATING WASTE OIL</u></b>			
a	Total generation	Nil		1.400
b	Total Quantity Disposed	Nil		1.400
c	Balance in storage yard	Nil		Nil
<b>II</b>	<b><u>FURNANCE OIL SLUDGE</u></b>	<b>Quantity (KL)</b>		<b>Category (3.3)</b>
a	Total generation	Nil		Nil
b	Total Quantity Disposed	Nil		Nil
c	Recycled in RLK	Nil		Nil
d	Closing Balance	Nil		Nil

Date : 09 -11 -2021

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 (Env Cell )

**E- Waste, Non Ferrous Scrap, Waste Batteries Plastic Carbuoys details for the Month of October 2021**

	E – Waste	For the Month	For the Year from April 2021 to March 2022	
		Quantity in MT		
I	a	Total Quantity Generated	Nil	Nil
	b	Total Quantity Disposed	Nil	Nil
	c	Balance in storage	Nil	Nil
II	Non Ferrous scrap		Quantity in MT	
	a	Scrap copper rewinding wire and Patti	Nil	0.659
	b	Scrap Brass	Nil	2.964
	C	Scrap copper cable	Nil	10.010
	d	Total Quantity Disposed	Nil	13.633
	e	Balance in storage	Nil	Nil

	Scrap Batteries	Quantity in MT		
		a	Total Quantity Generated	Nil
III	b	Total Quantity Disposed	Nil	Nil
	c	Balance in storage yard	Nil	Nil

	Plastic Waste	Quantity in MT		
		a	200 Liters Capacity Carboys	Nil
IV	b	100 Litres Capacity Carboys	Nil	Nil
	c	30 to 60 liters Capacity Carboys	Nil	2.270
	d	Carbuoys less than 30 ltrs cap	Nil	Nil
	e	Damaged waste plastic carbuoy 200 ltrs, 150 ltrs, 100 ltrs 30-60 ltrs	Nil	4.180
	f	Total Quantity Disposed	Nil	21.940
	g	Balance in storage yard	Nil	Nil

Date : 09 -11 -2021

Signature :



Name : B H Rathi  
President Technical

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