



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)



ZZQ/CLAB-KSPCB/17/ 59

07 - 01 -2023

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 December - 2022.

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. Upstream & 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

Anuj kumar Tayal

Sr.Vice President (Tech)

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 December – 2022

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
A	Industrial effluent							
1	Color and Odour	All efforts to remove Colour & Odour as per as practicable	Necessary measures are taken to remove Colour as well as unpleasant Odour.					
2	pH value	7.0 - 8.5	7.0	7.5	7.2	7.4		
3	Bio Chemical Oxygen Demand 3 days at 27 °C mg/ltr	27 [max]	21	18	20	24	No Break down or failure	Nil
4	Chemical Oxygen Demand mg/ltr	250 [max]	220	196	217	230		
5	Suspended Solids mg/ltr	50.0 [max]	32	38	30	34		
6	Oil and Grease mg/ltr	10.0 [max]	Nil	Nil	Nil	Nil		
7	Chloride (as Cl) mg/ltr	350 [max]	214	206	190	186		
8	Sulphate (as SO ₄) mg/ltr	1000 [max]	122	108	116	124		
9	Sulphide (as S) mg/ltr	2 [max]	Nil	Nil	Nil	Nil		
10	Total Residue Chlorine mg/ltr	1.0 [max]	Nil	Nil	Nil	Nil		
11	Ammonical Nitrogen (as N) mg/ltr	50 [max]	Nil	Nil	Nil	Nil		
12	Total Kjeldhal Nitrogen mg/ltr	100 [max]	2.8	2.2	3.6	2.8		
13	Free Ammonia (as NH ₃) mg/ltr	5.0 [max]	Nil	Nil	Nil	Nil		
14	Dissolve Phosphate(as P) mg/ltr	5.0 [max]	Nil	Nil	Nil	Nil		
15	Total Dissolve Solids (Inorganic) mg/ltr	2100 [max]	1120	988	1028	1015		
16	AOX Kg/Ton	<1.0	← ND →					

Date : 07-01-2023

Signature :

Name : Anuj Kumar Tayal
Sr.Vice President (Tech)

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 : 03-12-2022

1. Up stream of Confluence point River Kali 2. Down stream of Confluence point River Kali
 3. Down stream of Confluence point River Kali

SL. No.	Parameter	Upstream	Downstream	
			Kariempalli Village	Harnoda Village
			1	2
1	pH	7.6	7.5	7.4
2	Colour	Turbid	Turbid	Turbid
3	Odour	No Odour	No Odour	No Odour
4	Suspended Solids	Mg/L	24	26
5	Dissolved Solids	Mg/L	30	32
6	Total Solids	Mg/L	54	58
7	Hardness as CaCO ₃	Mg/L	28	32
8	Alkalinity (M.O) as CaCO ₃	Mg/L	22	28
9	Chloride as Cl	Mg/L	8.4	9.6
10	Sulphate as SO ₄	Mg/L	23.8	24.2
11	Turbidity	NTU	11	11
12	B O D ₃	Mg/L	1.2	1.8
13	Dissolved Oxygen	Mg/L	7.7	7.5
14	Sp. Conductivity	ms	18.6	19.9

Date : 07-01-2023.

Signature :

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

WEST COAST PAPER MILLS LIMITED, DANDELI**Central Laboratory (Env. Cell)****Details of ETP Energy consumption, Treated effluent discharge, pH, D.O for the month December - 2022**

SL .No	Date	Total Energy Consumption Kwh	Treated Effluent Discharge flow m ³ /day	pH	D.O ppm
1	01-12-2022	23428	45947	7.5	4.2
2	02-12-2022	19934	46704	7.6	4.2
3	03-12-2022	21504	46704	7.6	4.4
4	04-12-2022	21239	47995	7.5	4.3
5	05-12-2022	20291	48302	7.5	4.3
6	06-12-2022	23508	48887	7.6	4.3
7	07-12-2022	20575	47480	7.5	4.3
8	08-12-2022	20186	43548	7.5	4.3
9	09-12-2022	21494	45043	7.7	4.3
10	10-12-2022	20166	47269	7.7	4.3
11	11-12-2022	22714	47633	7.6	4.2
12	12-12-2022	21087	47206	7.7	4.3
13	13-12-2022	20753	42916	7.5	4.4
14	14-12-2022	23747	49649	7.5	4.3
15	15-12-2022	24092	47487	7.5	4.2
16	16-12-2022	24755	48081	7.5	4.3
17	17-12-2022	25573	49936	7.6	4.2
18	18-12-2022	23884	49435	7.4	4.3
19	19-12-2022	23106	49330	7.6	4.3
20	20-12-2022	22552	48727	7.5	4.2
21	21-12-2022	21977	47340	7.9	4.2
22	22-12-2022	22177	47650	7.6	4.3
23	23-12-2022	23989	48863	7.6	4.3
24	24-12-2022	23102	47964	7.6	4.4
25	25-12-2022	21885	45681	7.6	4.3
26	26-12-2022	23495	47591	7.5	4.4
27	27-12-2022	22035	48998	7.4	4.3
28	28-12-2022	22594	46588	7.5	4.1
29	29-12-2022	20848	47274	7.5	4.3
30	30-12-2022	20608	46998	7.6	4.3
31	31-12-2022	22243	48895	7.5	4.3
Average		22243	47488	7.6	4.3

Date : 07 -01 -2023

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Speed Post with A D

Dear Sir,

Sub: Air Pollution Control Report

We are sending herewith the following for the month of December -2022.

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,

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WEST COAST PAPER MILLS LIMITED
CENTRAL LABORATORY (Env.Cell)

Report analysis of stack emission showing performance of air pollution control for the month of December - 2022

Tested by Central Laboratory (Env. Cell)

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	1,17,349	Particulates	150	67
				H ₂ S	10	0.83
2	Chemical Recovery Boiler -II	2,25,720	1,69,762	Particulates	150	88.0
				H ₂ S	10	0.92
3	Rotary Lime Kiln-I	20,000	16,695	Particulates	150	56
4	Rotary Lime Kiln -II	39,600	25,439	Particulates	150	68
5	FBC Boiler - I	92,000	87,908	Particulates	150	70
6	FBC Boiler - II	1,23,912	1,01,056	Particulates	150	74
7	FBC Boiler - III	1,38,480	1,18,922	Particulates	150	69
8	FBC Boiler - IV	1,44,108	1,19,539	Particulates	150	83

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

Date : 07-01-2023.

Signature :

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Sr.Vice President (Tech)

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 December- 2022

SL.No.	Characteristic	NAAQ STD	Unit	Fire station	Administration Office	Security Gate towards Halmaddi village	ETP area
I	Ambient Air Quality						
	i] Suspended Particulate Matter PM 2.5	60	µg/m ³	28.0	24.0	31.0	24.0
	ii] Suspended Particulate Matter PM 10	100	µg/m ³	62.0	54.0	66.0	56.0
	iv] Sulphur Dioxide [SO ₂]	80	µg/m ³	24.9	30.3	23.2	22.0
	v] Oxidies of Nitrogen[NOx]	80	µg/m ³	13.0	13.8	17.6	19.8
	vi] Hydrogen Sulphide [H ₂ S]	-	µg/m ³	BDL	BDL	BDL	BDL
Meteorological Data for the month of December- 2022							
II			Unit	1 st Week	2 nd Week	3 rd Week	4 th Week
	i] Wind Velocity	-	KM/hr	0.97	1.24	1.10	1.00
	ii] Wind Direction	-					
	Morning	-		SSW	W	SW	SW
	Evening	-		SE	NW	W	NW
	iii] Temperature						
	Maximum	-	° C	29.5	29.0	29.5	30.0
	Minimum	-	° C	18.0	19.0	14.5	15.0
	iv] Relative Humidity,						
	Maximum						
	Morning	-	%	94.0	92.0	94.0	94.0
	Evening	-	%	89.0	88.0	84.0	75.0
	Minimum						
	Morning	-	%	91.0	88.0	90.0	88.0
	Evening	-	%	81.0	74.0	68.0	61.0
	Total Rainfall	-	cm	0.000	0.250	0.000	0.000

Date : 07 -01 -2023

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West Coast Paper Mills Ltd Dandeli
Central laboratory (Env.Cell)

Details of Fly ash & Bottom ash generation & Disposal practice for the month of December – 2022 and for the year 2022-2023.

S.No	Particulars	2022 – 2023			
		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	2,804	13,074	4,815	26,697
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)				
2.2.0	Brick / Block manufacturing Industries				
2.2.1	Hubli	18	49	72	543
2.2.2	Kali Nirmiti Kendra , Dandeli / Nearby area	2,786	13,025	4,743	26,154
2.2.3	Others	Nil	Nil	Nil	Nil
2.2.4	Sub Total				
2.3.0	Grand Total Of Disposed quantity SI.No (SI. No 2.1.0+ 2.2.0)	2,804	13,074	4,185	26,697

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ZZQ/CLAB-KSPCB/17/61

07 - 01 - 2023

Senior Environmental Officer,
Hazardous waste cell,
Karnataka State Pollution Control Board
49, Parisara Bhavan,
4th & 5th 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 **December-2022**.

1. Quantity of storage & transportation details of Used Oil and Waste Oil (Manifest Submitted On line)
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 barrels/Containers/Liners. (Manifest submitted On-line)
6. Details of Disposal of Waste Batteries.

We hope you will find this in order.

Thanking You,

Very truly yours,

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Cc: Environmental Officer,
Regional Office,
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The mark of
responsible forestry

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

Details of used Oil And Waste oil sludge

	SL.No	Particulars	December-2022	
			Quantity (KL)	
			For the Month	Category (5.1) For the Year from April 2022 to March 2023
I		<u>Used oil</u>		
	a	Total generation	15.200	22.400
	b	Total Quantity Disposed	15.200	22.400
	c	Balance in storage yard	Nil	Nil
II		<u>Waste 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

Date : 07-01-2023.

Signature :



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West Coast Paper Mills Ltd Dandeli
Central Laboratory (Env Cell)

E- Waste, Non Ferrous Scrap, Waste Batteries Plastic Carbuoys details for the Month of December 2022

I	E – Waste		For the Month	For the Year from April 2022 to March 2023
			Quantity in MT	
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		0.018	0.018
b	Scrap Brass		1.231	1.231
c	Scrap copper cable		Nil	Nil
d	Total Quantity Disposed		1.249	1.249
e	Balance in storage		Nil	Nil

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

IV	Plastic Waste		Quantity in MT	
a	200 Liters Capacity Carboys		1.220	30.250
b	100 Litres Capacity Carboys		Nil	Nil
c	30 to 60 liters Capacity Carboys		Nil	Nil
d	Carbuoys less than 30 ltrs cap		Nil	Nil
e	Mixed plastic carbuoy 200 ltrs, 150 ltrs, 100 ltrs 30-60 ltrs		1.080	7.750
f	Scrap plastic Totbins		Nil	0.260
g	Total Quantity Disposed		2.300	38.260
h	Balance in storage yard		Nil	Nil

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