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)

MANAGEMENT SYSTEM CERTIFICATION DNV ISO 9001 · ISO 14001 ISO 45001

ZZS / Env.Cell – KSPCB / 15/ 1247 11.09.2025

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: Environmental Audit statement for the year ending 31st March 2025.

We are sending here with the Environmental Audit statement in prescribed format "Form V" for the financial year ending 31st March 2025.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD

Anuj kumar Tayal
President (Technical)

Encl: As above

Cc: Member Secretary,
Karnataka State Pollution Control Board,
49, Parisara Bhavan,
4th & 5th floor,
Church Street,
Bangalore-560 001

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ENVIRONMENTAL STATEMENT FORM-V

(See rule 14)

Environmental Statement for financial year ending 31st March - 2025

PART-A

1	Name and Address of the Owner/Occupier of the Industry / Operation or Process	Shri Rajendra Jain Executive Director West Coast Paper Mills Ltd. Bangur Nagar, Dandeli.
2	PCB ID	11383
2	Industry Category Primary- (STC Code) Secondary- (STCCode)	Red Category
3	Production Capacity	3,20,000 MT
4	Year of Establishment	25-03-1955
5	Date of the last Environmental Statement submitted	26-08-2024

PART -B

Water and Raw Material Consumption

I. Water consumption, m^3/d

1	Process Water	36,386 m^3/day
2	Cooling Water	2,447 m^3/day
Total Water for Production		38,833m^3/day
3	Domestic Water	5,107 m^3/day

Products	Process Water Consumption per unit of Products	
	During the previous financial year (Excluding domestic water)	During the current financial year (Excluding domestic water)
	2023-2024	2024-2025
Paper, Paper Boards & Duplex Boards	**51 m^3/T of product**	**45 m^3/T of product**

II. Production Details

S.No	Products	UOM	2023-2024	2024-2025
			Qty /Month	Qty /Month
1	**Total Paper Production**	MT	**25,314**	**26,549**
a	Writing and Printing	MT	21,401	22,850
b	Duplex Board	MT	3,913	3,699
2	**Pulp Production**	BDMT	**19,529**	**20,257**

III. Raw Material Consumption

.1. Raw Materials

Name of Raw Materials	Name of Product	Units	Consumption of Raw Material per ton	
			2023-2024	2024-2025
Wood	Paper,Paper Boards & Duplex Boards	MT/T Paper	3.23	3.21
Imported Pulp		MT/T Paper	0.02	0.02
Waste Paper		MT/T Paper	0.05	0.05

.2. Chemicals

Name of Chemicals	Name of Product	Units	Consumption of Raw Material per ton	
			2023-2024	2024-2025
Caustic Soda	Paper,Paper Boards & Duplex Boards	Kgs/T Pulp	20.90	23.57
Salt Cake		Kgs/T Pulp	22.15	28.88
Lime		Kgs/T Pulp	454.45	479.70
Chlorine		Kgs/T Pulp	8.03	8.14
Sulphuric Acid		Kgs/T Pulp	6.02	7.35
Hydrochloric Acid		Kgs/T Pulp	16.77	19.86
Hydrogen Peroxide		Kgs/T Pulp	15.43	20.92
PAC		Kgs/T Paper	20.47	22.44
Sizing Solution		Kgs/T Paper	14.66	15.71
Talcum Powder/PCC/GCC		Kgs/T Paper	150.99	166.03
Starch		Kgs/T Paper	34.56	37.17
Optical Whitening Agent		Kgs/T Paper	3.79	4.17
Dyes		Kgs/T Paper	0.16	0.24

PART-C

Treated Trade Effluent Discharged to Environment

(Parameter as specified in the Consent issued)

(a) Water

S.No	Pollutants (as specified in Consent issued)	Qty. as per Consent Kgs/day	Pollutant Discharged		Percentages of variation from prescribed standard with reasons.
			mg/litre	Kgs/day	
1	BOD $_3$ days at 27^0 C	2,577	22	797	No variation as all the pollutants discharged are well within prescribed standards.
2	COD	21,471	212	8,073	
3	Suspended Solids	4,294	31	1,086	
4	Oil & Greece	859	Nil	Nil	
5	Chloride (as Cl)	30,060	204	7,594	
6	Sulphate (as SO_4)	85,885	178	7,262	
7	Sulphide (as S)	172	Nil	Nil	
8	Total Residual Chlorine	86	Nil	Nil	
9	Ammonical Nitrogen (as N)	4,294	Nil	Nil	
10	Total Kjeldahl Nitrogen (as N)	8,589	3.9	216	
11	Free Ammonia (as NH_3)	429	Nil	Nil	
12	Dissolve Phosphate (as P)	429	Nil	Nil	
13	Dissolve Solids (Inorganic)	**1,80,359**	1119	42,128	
14	AOX	< 1kg/T of Paper	ND*	ND*	

*** ND - Not Detectable.**

Note : WQMS data for the parameters TSS,BOD,COD,pH & Flow are connected to CPCB/KSPCB servers.

(b) Air

Stacks attached to (as specified in Consent issued	Pollutant as per Consent	Pollutant Quantity as per Consent	Pollutants Discharged		Percentages of variation from prescribed standards with reason
			Concentration	Achieved	
		Kgs/day	mg/Nm^3	Kgs/day	
C R Boiler-1	PM	450	60	164	
	H_2S	30	0.92	2.51	
C R Boiler-2	PM	813	72	253	
	H_2S	54	0.95	3.33	
Rotary Lime Kiln -1	PM	72	51	19	
Rotary Lime Kiln -2	PM	143	60	29	
FBC Boiler -1	PM	331	39	66	
FBC Boiler -2	PM	446	70	164	
FBC Boiler -3	PM	499	62	176	
FBC Boiler -4	PM	519	70	209	

Note : 1. FBC Boiler No1 & 2 are standby boilers and operated as and when required.

2. All the above OCEMS are connected to CPCB/KSPC servers.

PART-D

HAZARDOUS WASTES

(As Specified under Hazardous Wastes Management , Handling and Transboundary movements rules,2016.)

HAZARDOUS WASTE

Description Hazardous Wastes		Total Quantity per Annum	
		2023-2024	2024-2025
A.From process			
i)	Wastes Residues containing Oil (Cat 5.2)	0.420 MT	0.441 MT
ii)	Used spent Oil (Cat 5.1)	30.6 KL	23.20 KL
iii)	Metal and Metal alloy wastes in metallic non despersible from (Cat BD 1010)	30.701 MT	24.231 MT
iv)	Empty barrels /containers/liners (Cat 33.1)	67.12 MT	78.60 MT
B. From Pollution Control Facilities		NA	NA

PART-E

SOLID WASTES

Solid Wastes		Total Quantity (MT/Annum)	
		2023-2024	2024-2025
1. From Process			
a)	Bottom Ash	28,071	23,375
b)	Fly Ash	51,008	45,783
	Total	**79,079**	**69,158**
c)	Dry Sludge from ETP	3,970	7,600
d)	Lime Grit	2,352	2,561
e)	Dregs	11,332	11,783
2. Quantity recycled or re-utilized within the unit.			
a)	Chipper Dust (AD basis) kgs/T Paper	104.0	102.3
b)	Lime Sludge (AD basis) Kgs/T Paper	746	752
c)	Dust collected from CR Boiler Kgs/T Paper	101	101

PART- F

Please specify the Characteristics (In terms of concentration and Quantum) of Hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes

Hazardous and Solid wastes with per day generation quantity , characteristics and disposal practice 2024-2025

S.No	Description	Qty / day 2024-25	Charcteristics	Disposal practice
A. Hazardous Wastes				
1	Wastes Residues containing Oil	**0.001** MT/day	Oil soaked cotton waste	Burnt in Boilers
2	Used Spent Oil	**0.06** KL/day	Used machine Oil	**Authorized recyclers M/sShantadurga Petrochem, Khanapur Valid up to 30-09-2027**
3	Metal & Metal Alloy wastes in metallic non dispersible form	**0.07** MT/day	Metals and non metals	**Authorized Recyclers Jayvel Enterprise,Kolar (Scrap Copper Cable,Scrap Copper & Brass,Scrap Copper rewinding wire and Patti) Valid up to 30-06-2028**
4	Empty barrels /Containers / Liners	**0.21** MT/day	Plastic Barrels	**Authorized Recyclers King Enterprises** Plot No. 68, 6th main Road, Belur Industrial Area, Belur Dharwad Dist : Dharwad **Valid up to 30-06-2026 Simnani Enterprises** 14, Plot No-14, KIDAB Industrial estate Harihar Davangere **Valid up to 30-06-2026**
B. Solid Wastes				
1	Dry Sludge from ETP plant	69.55 MT/day	Fiber - 55% Ash - 45%	Being given to Board /Egg tray manufacturer.
2	Fly Ash & Bottom Ash from Power Plant	**188.96** MT/day	Silica,Al_2O_3, Fe_2O_3 etc	Fly Ash along with Bottom Ash is given to bricks manufacturers.

PART- G

Impact of the Pollution control measures taken on conservation of Natural resources and consequently on the cost of reduction in Power, Steam and Water on specific consumption.

Resources	% Decrease
Power Consumption	**3.55**
Steam Consumption	**1.31**
Water Consumption in Prduction	**11.70**

PART- H

Additional measures/Investment proposal for Environmental protection including abatement of Pollution.

Additional Measures / Investment proposed for water saving.

S.No	Water saving Schemes implemented details in 2024-2025	Saving	Investment
		m^3/day	Rs.Lakhs
1	Recovery process condensate reuse in Fiber Line in place of hot water.	1800	135
2	Paper machine No3 vacuum pump sealing water to collect & reuse for pulp dilution in Fiber Line.	400	40
3	New Matangi cooling tower for cooling & recirculate the pit water at Chemical Recovery.	100	40
4	ETP Treated back water for log washing at chipper house.	500	17.5
Total Fresh water saving m^3/day		**2800**	**232.5**

PART- I

Any other particulars in respect of Environmental protection and abatement of pollution.

IMPLEMENTATION OF VARIOUS IN PLANT MEASURES DURING 2023-2024 & 2024-25 ONWARDS FOR ENVIRONEMTAL PROTECTION

1. Recovery plant FFE-2 condensate has been recycling at Fiber line thus reducing the Effluent volume to ETP.
2. Matangi cooling towers (2 nos.) provided to reduce the pulp mill effluent temperature further.
3. Installed new tertiary treatment system for pulp and recovery effluent.
4. Installed new secondary treatment system for paper effluent.
5. BHEL Recovery boiler ESP-A & ESP-B Re-build work carried out.
6. System of collecting NCG from HBL tanks implemented for burning in lime kiln
7. Replaced old conventional lights with LED lights in phased manner for power saving in plant.
8. Replaced conventional fans with 5 star energy efficient fans for power saving in phased manner in plant.
9. Optimized frequency of 34.5 MW Turbine from 50 Hz. to 49.0 Hz. 14.5 MW Turbine from 50 Hz. to 49.6 Hz. at Power House section for power saving.
10. Replaced old Agitators at Stock Preparation no. 4 Under layer chest 1&5, Top layer chest 4, PM 4 Top layer machine chest with energy efficient Agitators for power saving at Paper machine-4.
11. Using excess hot water in Clo2 Heat Exchanger at Fibre Line section for steam saving.

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Date : 11-09-2025

Signature :

Name : Anuj Kumar Tayal

Designation : President (Technical)

Address : West Coast Paper Mills LTD
Bangur Nagar Dandeli-581325