



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)



ZZT/Environment Cell /MOEF/15/ 786

12.06.2026

THE DIRECTOR (S),
Ministry of Environment & Forest,
Regional Office – (Southern Zone),
Kendriya Sadan, 4th Floor, E & F Wings, 17th Main Road,
2nd Block, Koramangala,
BANGALORE – 560 034.

Sub : Half Yearly Compliance Report in respect of Environment Clearance
Ref : (1). Letter No J-11011 / 408 / 2006 – 1A. II (I) dated – 19-07-2007 of
Ministry of Environment & Forests. Government of India, New Delhi.
(2). EP/12.1/478/KAR/4536 dated: 20th May, 2009.

Dear Sir,

With reference to the above, we enclose here with point wise Compliance Report from October -2025 to March-2026 (2nd Half).

We hope, you will find the same in order.

Thanking You,

Yours faithfully,
For **WEST COAST PAPER MILLS LIMITED,**


ANUJ KUMAR TAYAL
PRESIDENT (TECH)

Encl: as above. (Speed post with AD)

CC : 1. Environmental Officer, Karnataka State Pollution Control Board, Regional Office, Parisara Bhavan", LIG-11 b – 217, Near Hari Om Trust, Habbuwada, Karwar.
2. The Zonal Incharge, Central Pollution Control Board, Nisarga Bhavan, Thimmaiah Road, Shiva Nagar, Bangalore-560010



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 Limited, Dandeli.

Compliance status from October - 2025 to March -2026(2nd Half)

Date: 12.06.2026

Sub: Compliance Report for the Consent Conditions by Ministry of Environment & Forests.
Ref: E C No. J-11011/408/2006-1A. II (I), dated 19th July, 2007.

EC Conditions	WCPM compliance Status from October-2025 to March-2026
A. SPECIFIC CONDITION:	
<p>i) The gaseous emissions (SPM, SO₂, NO_x, & H₂S) from various process units shall conform to the standards prescribed from time to time. The KSPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry, its size & location.</p> <p>At no time, the emission level shall go beyond the prescribed standard in the event of failure of any Pollution Control system (S) adopted by the unit, the respective unit should not restarted until the control measure are rectified to achieve the desired efficiency.</p>	<p>The gaseous emissions from various process sections in the plant are maintained within stipulated norms as prescribed by KSPCB time to time. We are enclosing herewith the 6 months online stack monitoring reports as Annexure-I.</p> <p>Noted & complied</p>
<p>ii) Three on - line monitoring station for ambient air near the boundary of the plant shall be set up along with another on – line stack monitoring system for recovery boiler for particulate matter, SO₂, NO_x & H₂S & the on-line data shall be submitted to the CPCB & KSPCB.</p>	<p>Industry has installed 3 nos. of On-line CAAQM stations (One at Gate No.2, One at General Office and one more at ETP) within the plant area. Enclosed herewith 6 months online AAQMS reports as Annexure-I.</p> <p>Further Industry has installed 8 nos. of On-line CEMS for Rotary Lime Kilns (2nos.), Chemical Recovery Boilers (2 nos), and FBC Power boilers (4nos.). The data from the CAAQMS and CEMS stations are linked to CPCB/KSPCB servers. Photographs of the online stack monitoring and ambient air quality monitoring stations are enclosed as Annexure-II. All parameters are well within the NAAQ standards.</p> <p>In addition, ambient air quality as well as stack monitoring is carried out by NABL approved laboratory once in 3 months and the analysis reports of NABL lab is attached as Annexure-III.</p>

West Coast Paper Mills Limited, Dandeli.
Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
iii) The company shall phase out Elemental Chlorine from pulp bleaching process. Obsolete bleaching sequence (C/D-EP-H-D) technology shall be replaced by new Oxygen de- lignification combined with elemental chlorine free bleaching sequence (D0-E0p-D1) to bring down the pollution load.	To minimize the pollution load Industry has already replaced Obsolete bleaching sequence (C/D-EP-H-D) technology with new oxygen de-lignification system followed by elemental chlorine free bleaching sequence (D _{HT} -Eop-D _{ND}). ECF Technology is in operation since 2009. Detailed bleaching process is enclosed as Annexure-IV
iv) ESP shall be provided to the new boiler viz. Coal fired boilers chemical recovery boiler & lime mud re-burning kiln & SPM emission shall be maintained below 150mg/Nm ³ . Low NOx burners shall be installed to the boilers. Dust suppression system shall be provided to coal yard.	<p>Industry has provided ESPs for all the stacks of coal fired boilers, chemical recovery boilers & lime mud re burning kilns. The SPM concentration is well below 150 mg/Nm³. Industry has installed efficient burner and NOx value in stack emission is less than stipulated standards. NABL lab analysis report of coal fired boilers, CRB boilers & Rotary Lime Kilns are attached as Annexure-III as stated above.</p> <p>For dust suppression at coal yard following measures are implemented:</p> <ol style="list-style-type: none"> i. Industry has installed high pressure water sprinklers are installed and treated waste water is being used for sprinkling. ii. Coal is also covered with tarpaulin in coal yard to avoid dust and partial quantity of coal is also being stored in closed coal shed to minimise the dust. iii. Wetting of coal through water sprinkling is carried out during unloading of wagons as well as during loading to trucks. iv. Deployed mechanised road sweeping machine to suppress the dust on roads during transportation of coal within the premises.
v) Fugitive emission shall be controlled by providing dust collectors & water spraying system at material transfer points. Odour shall be controlled by installing odour collection system & subsequently incineration at Rotary kiln & monitoring of H ₂ S & Mercaptans shall be carried out once in a month in the work	Industry has installed efficient wood chippers for reduced dust generation & thus lowering the fugitive emission as explained in point no.4 above. Industry has installed treated waste water sprinkling system for coal & fly ash handling area. Deployed mechanised road sweeping machine to

West Coast Paper Mills Limited, Dandeli.
Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
environment.	<p>suppress the dust on roads during transportation of coal within the premises. Partially coal is being kept in closed coal shed.</p> <p>Industry has installed non-condensable gases collecting system (M/s. A H Lundberg USA) from pulp mill area and burn it in Rotary kiln. The detailed process is enclosed as Annexure-V</p> <p>Industry is carrying out H2S and Mercaptans monitoring once in a month in the work environment and testing is being carried out once in three months thru NABL laboratory. Enclosed the recent ambient analysis reports of NABL lab as Annexure-III.</p>
vi) Total fresh water, requirement from River kali shall not exceed 1,00,000 m ³ /d & prior permission from the government of Karnataka for the remaining 15,000 m ³ /d shall be obtained. Effort shall be made to reduce water consumption by recycle & reuse. No ground water shall be extracted. The waste water from the process shall not exceed 85,885 m ³ /d. The wastewater shall be segregated into pulp mill & paper machine stream & treated independently in the effluent treatment plant (ETP) before discharge to Halmaddi Nala leading to river kali.	<p>Industry has obtained the permission to draw fresh water from Karnataka Government up to 1,00,000 m³/d fresh water from Kali river. Agreement is being signed/renewed with Water Resource Department, Government of Karnataka from time to time. Last agreement was signed on 05.02.2024 having validity upto 02.06.2028.</p> <p>Industry made best efforts to reduce water consumption by recycle & reuse. Enclosed detailed projects implemented to reduce water and waste water as Annexure-VI</p> <p>Water drawn, water utilization and waste water generation details for 6 months (October-2025 to March-2026) is enclosed as Annexure-VI. At any point of day we are not exceeding the limits prescribed by the authorities. No ground water is being extracted. The waste water from pulp mill & paper machine stream is being treated independently in the effluent treatment plant (ETP) before discharge to Halmaddi Nalla leading to River Kali. Enclosed the ETP flow chart as Annexure-VII.</p>
vii) The company shall make continued effort in reducing the volume of effluent discharge through recycling / reuse techniques & reducing	Industry has installed state of art new Fibreline from M/s Valmet Sweden consisting of super batch cooking, high

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EC Conditions	WCPM compliance Status from October-2025 to March-2026
the pollution load by adopting advanced wastewater treatment technologies.	consistency screening and Twin roll press washing for Un bleach and Bleach pulp. We have installed new paper machine of 5.3 mtrs deckle and speed 1150 MPM supplied by M/s Voith Germany. The effective water management by closed recycling system helped us to minimize effluent discharge. In other areas also, we are continuously working by making investment in new technologies/equipment to further recycle/reuse the water with various initiative, our fresh water and effluent discharge has come down over a period and well with in stipulated norms. The details are enclosed as Annexure-VI
viii) The performance of the Effluent Treatment plant shall be improved & effort shall be made to bring down the color, total suspended solids in the final treated effluent by adopting processes like activated Carbon filter, use of better flocculating & decolorizing agent etc. The quality of the treated effluent shall conform to the prescribed standards & used for irrigation.	Industry is putting continuous efforts to bring down the color in effluent. We are further taking trial of better flocculating agent/Polymer to bring down total suspended solids. To improve further reduction in effluent colour Industry has installed tertiary treatment plant (Enclosed ETP flow chart as Annexure-VII). Presently the quality of the treated effluent conforms to the prescribed standards. We enclosed herewith NABL lab analysis report as Annexure-VIII .
ix) Effort shall be made to reduce color in wastewater substantially after installation of advance cooking system and ECF bleaching. The use of Ferric/Ferrous chloride shall be optimized to further reduce the color in the treated effluent.	Industry had installed advanced cooking system and ECF bleaching due to which remarkable decrease in the effluent color is observed. Usage of Ferric/Ferrous chloride was stopped due to accumulation of inert materials and increase of Total Dissolved Solids in the treated effluent.
X) AOX level should not exceed 1.0 kg/ton of paper production and water quality shall be regularly monitored at discharge point and in the river. The company also shall have their own instrument for the measurement of AOX, TOC level in the treated effluent shall also be measured once in a month.	In 2010 Industry has installed Oxygen delignification (ODL) and ECF bleaching in Fibre plant. Due to this we are achieving significant reduction in AOX level and the AOX is Below Detectable Level in the present scenario and waste water quality is regularly monitored at discharge point and in the river. AOX and TOC are measured every month by NABL lab. Analysis report is enclosed as Annexure-VIII .
xi) Solid waste generated in the form of boiler ash	Entire quantity of boiler ash is being supplied

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EC Conditions	WCPM compliance Status from October-2025 to March-2026
shall be provided to cement/bricks manufacturing units. Lime grit shall be disposed off in low-lying areas. Chipper dust shall be used as fuel in existing boiler. Waste pulp from ETP shall be given to cardboard/ egg tray manufacturers.	to Brick Industries for the manufacturing of fly ash bricks. Lime sludge is being recycled into the system. Excess Lime sludge/grit is being supplied to Cement Industry. The chipper dust is being used as fuel in our Coal boilers. Waste pulp from ETP is supplied to board/tray manufacturers. Details of fly ash sold to bricks manufacturers is enclosed as Annexure-IX.
xii) Efforts shall be made to bring down the noise level in the paper mill plant.	Industry has taken all necessary noise control measures like acoustic hoods, silencers, enclosure's etc., on high noise level generation area and being properly maintained. Work place noise level survey is conducted on regular basis to identify areas with high noise levels. Noise monitoring reports are enclosed as Annexure-X. Workers employed in high noise area are provided with proper PPE.
xiii) As per the recommendations made in the Charter on Corporate Responsibility for Environmental protection (CREP) issued by the CPCB shall be followed.	Charter on Corporate Responsibility for Environment protection (CREP) guidelines are followed. The copy of the compliance report is enclosed here with as Annexure -XI.
xiv) Green belt shall be raised in at least 48 ha. (30%) out of total 155 ha to mitigate the effect of fugitive emissions all around the plant in as per the CPCB guidelines and in consultation with local DFO.	The green belt coverage is maintained as per requirement. Fresh planting is being done in vacant space. We plan to cover fresh green cover in empty space in and around plant area. At the same time, we are putting up green creeper/climber curtain in coal yard and other area to mitigate effect of fugitive emissions. Species for Green belt coverage is done in consultation with DFO.
xv) The company shall undertake rainwater-harvesting measure to recharge the ground water.	Industry has constructed sufficient numbers of rain water harvesting pits inside mill premises. Photographs of the rain water harvesting pits are enclosed as Annexure-XII.
xvi) Prior permission from the State Forest Department as the proposed expansion of the paper unit is located at 0.5 km of the Dandeli Reserve Forest.	Industry has taken permission from State Forest Government vide proceedings G.O. No: CI 19 SPI 2008 Bangalore dated 27-02-2008.
xvii) Prior approval of the National Board for Wild life shall be obtained since the proposed expansion of the paper unit is located within	West Coast Paper Mills Ltd., Dandeli, located in F.S. No.3A of Block No.V-3, V-5 of Dandeli Village, Dandeli Taluk, Uttara Kannada

West Coast Paper Mills Limited, Dandeli.

Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
2.0 km radius of the Dandeli Wild Life Sanctuary.	District (GPS location: N15.252000'' E 74.627777°) falls outside the Kali Tiger Reserve as well as the Eco-Sensitive Zone of the Kali Tiger Reserve as per the draft notification dated 02 nd April 2026 published in the Gazette of India. Hence prior approval of the National Board for Wild Life is not required.
B. GENERAL CONDITIONS:	
i) The project authorities must strictly adhere to the stipulations made by Karnataka State Pollution Board (KSPCB) and the state Government.	The Consent to Operate has been renewed by KSPCB from time to time and the validity of the present consent is up to 30-06-2026. We are meeting the stipulations made by KSPCB in the CTO such as compliance with emissions and discharge standards etc.
ii) No further expansion or modernization in the plant shall be carried out without prior approval of the Ministry of Environmental and Forests. In case of deviation or alteration in the project proposal from those submitted to this Ministry for clearance, a fresh reference shall be made to ministry to assess the adequacy of conditions imposed and to add additional environmental protection measure required if any.	The execution of the project as per E C No. J-11011/408/2006-1A. II (I), dated 19th July, 2007 has been completed as per the approval of Ministry of Environment & Forest. The plant is already in operation. For further Mill Development Plan we have obtained the Environmental Clearance (EC) from MoEF vide letter No: J-11011 / 408 /2006 - 1A.II (I) dated 01-02-2021.
iii) Proper housekeeping and cleanliness must be maintained within and outside the plant.	Industry has taken all the necessary measures for better housekeeping in & around mill area. We ensure that the plant area will be kept clean on continuous basis. <ul style="list-style-type: none"> i. Industry has provided permanent asphalted road inside the factory premises to keep the premises clean and dust free. ii. Deployed mechanised road sweeping machine on daily basis to remove the dust on roads. iii. Sufficient Dust bins are provided inside the premises for the collection of waste to maintain better cleanliness.
iv) The overall noise level in and around plant area shall be kept well within the standards (85 dBA) by providing noise control measure including acoustic hoods, silencers, enclosures etc. on all	All necessary noise control measures like acoustic hoods, silencers, enclosure's etc., are in place at high noise level generation areas. Work place noise level survey is

West Coast Paper Mills Limited, Dandeli.

Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
source of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules 1989 viz. 75 dBA (day time) and 70 dBA (night time)	conducted on regular basis to identify areas with high noise levels and necessary precautionary measures are taken on regular basis and all efforts are taken to maintain the Noise level within the prescribed limit. The Noise level monitoring report is enclosed as Annexure-X . Workers employed in high noise area are provided with proper PPE.
v) Occupational health surveillance programme shall be undertaken as regular exercise for the entire employee, especially for those engaged in handling hazardous substances. The first aid facilities in the occupational health center shall be strengthened and the medical records of each employee should be maintained separately.	Industry has full-fledged Occupational Health Centre (OHC). We carry out periodically following: <ul style="list-style-type: none"> • Pre-employment medical examinations for new recruits. • Eye test, Audiometry, Pulmonary Function and special Test are undertaken once in a year for all related employees having exposure to vulnerable working zones. • Medical records of all employees are maintained in OHC and feedback is provided to the employees on any general guidance on the health aspects etc.
vi) The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report.	Industry is complying all the environmental protection measures and safeguards as recommended in the Environmental Management plan as per EIA.
vii) The implementation of the project vis-à-vis environmental action plans shall be monitored by Ministry's Regional Office at Bangalore / CPCB. A six monthly compliance status shall be submitted to the monitoring agencies.	The execution of the project has been completed as per the approval of Ministry of Environment & Forest. Six monthly compliance reports are being sent to monitoring agencies MoEF, CPCB and KSPCB Regional office.
viii) Adequate provisions for infrastructure facilities such as water supply, fuel, sanitation, etc., shall be ensured for construction workers during the construction phase so as to avoid falling of trees & pollution of water & surroundings.	The execution of the project has been completed as per the approval of Ministry of Environment & Forest. The construction workers were provided with the necessary infrastructure as per the applicable rules & regulations during respective jobs allotted to them.
ix) The project proponent shall have a scheme for social upliftment in the surrounding villages with reference to contribution in road	Industry is carrying various social upliftment initiative as a part of CSR. Copy of CSR Report is attached as Annexure - XIII .

West Coast Paper Mills Limited, Dandeli.
Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
construction, education, establishment of health centers, sanitation facilities, drinking water supply, community awareness & employment to local people whenever & wherever possible both for technical & non-technical jobs.	Employment to local people is being considered whenever & wherever possible based on skill/experience/job requirement. We are complying Dr Sarojini Mahishi Report about employment of local. We employ 100 % 'C' & 'D' class of employees from local area.
x) A separate Environmental Management Cell equipped with full-fledged laboratory facilities to carry out the various Environmental Management and monitoring functions shall be set up under the control to Senior Executive.	Industry has Environmental Management Cell equipped with full-fledged laboratory. Copy attached as Annexure – XIV .
xi) As proposed in EIA/EMP, Rs. 241.75 Crores & Rs. 150.00 Lakhs earmarked towards the capital cost & recurring cost per annum for Environmental Pollution Control measures respectively shall be used judiciously to implement the conditions stipulated by the Ministry of Environment & Forests as well as the state government & an implementation schedule for implementing all the conditions stipulated here in shall be submitted to the ministry's Regional Office Bangalore. The funds so provided shall not be diverted for any other purposes.	As proposed in EIA we have installed Fiber line & ECF chlorine dioxide generation plant, oxygen delignification plant, white liquor oxidation plant, Chimneys with ESP, lime kiln, waste water up gradation comprising of effluent clarifier, Mist cooling system & dewatering press for effluent sludge. Details enclosed as Annexure-XV
xii) Six monthly status report on the project vis-à-vis implementation of Environmental measures shall be submitted to this Ministry's Regional Office at Bangalore/CPCB / KSPCB.	Six monthly status is regularly sent to KSPCB regional office/MoEF, Bangalore.
xiii) The project Proponent shall inform the public that the project has been accorded environment clearance by the Ministry & copies of the clearance letter are available with Karnataka State Pollution Control Board / Committee & may also be seen at Website of the Ministry of Environment & Forest at http://www.envfor.nic.in This shall be advertised within seven days from the date of issue of the clearance letter at least two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned & a copy of the same shall be forwarded to the regional office.	Industry had given the advertisement in the newspaper Indian Express dated 26-07-2007 in English & in the newspaper Kannada Janantaranga dated 26-07-2007 in Kannada, which is the local language.

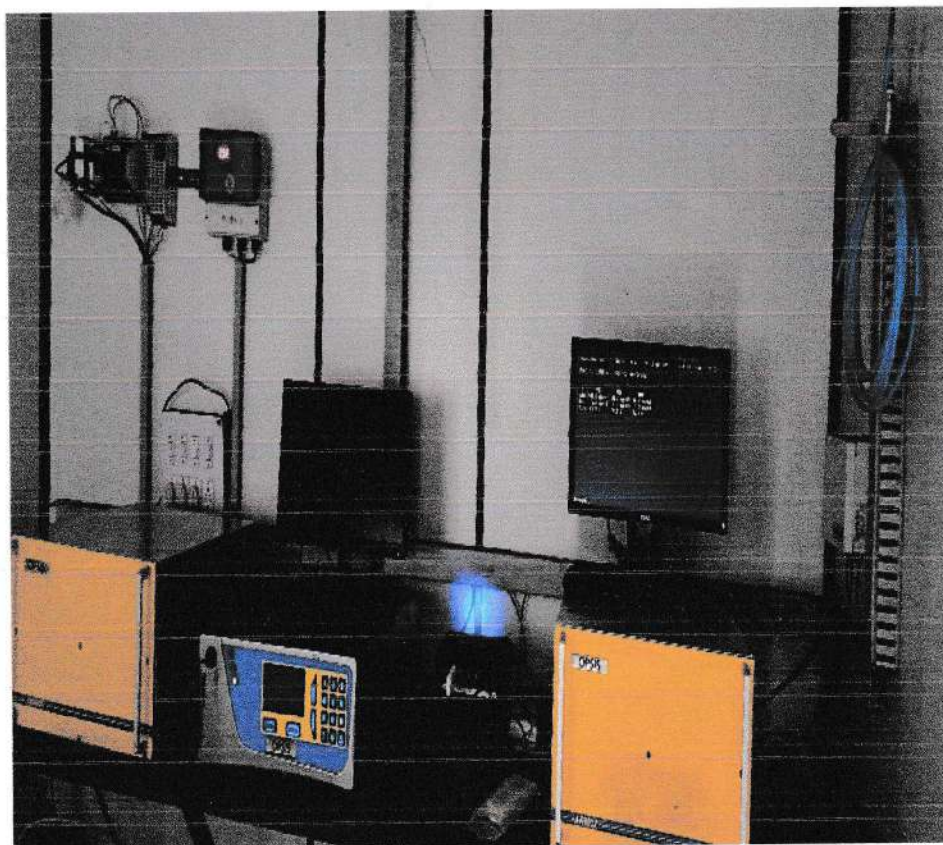
West Coast Paper Mills Limited, Dandeli.
Compliance status from October - 2025 to March -2026(2nd Half)

EC Conditions	WCPM compliance Status from October-2025 to March-2026
xiv) The project Authorities shall inform the Regional Office as well as the Ministry, the date of financial closure & final approval of the project by the concerned authorities & the date of commencing the land development work.	Industry have taken the financial assistance by ECB of USD 105 million from ICICI Bank Ltd., led Syndicate & USD 40 million from IFC, Washington & USD 20 million from Barclays Bank Mauritius & entire disbursement is effected by 31-03-2009. Government of Karnataka had approved the project vide letter no G.O.CI 19 SPI 2008 Bangalore dated 27-02-2008. Project is already implemented & Regional office as well as Ministry are informed from time to time.

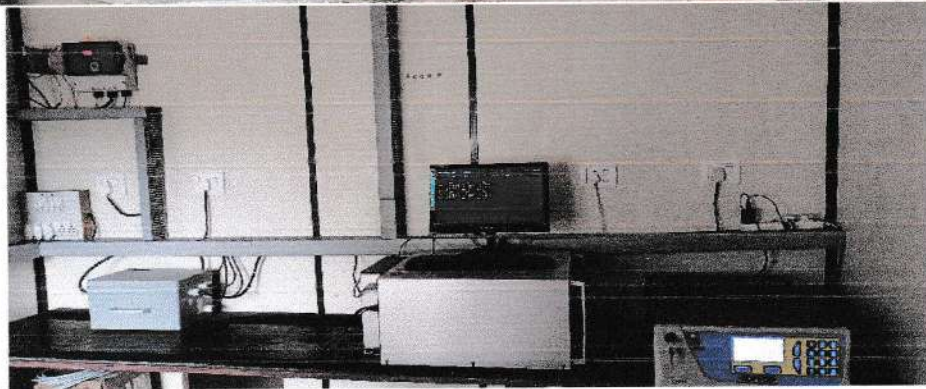


ANUJ KUMAR TAYAL
PRESIDENT (TECH)

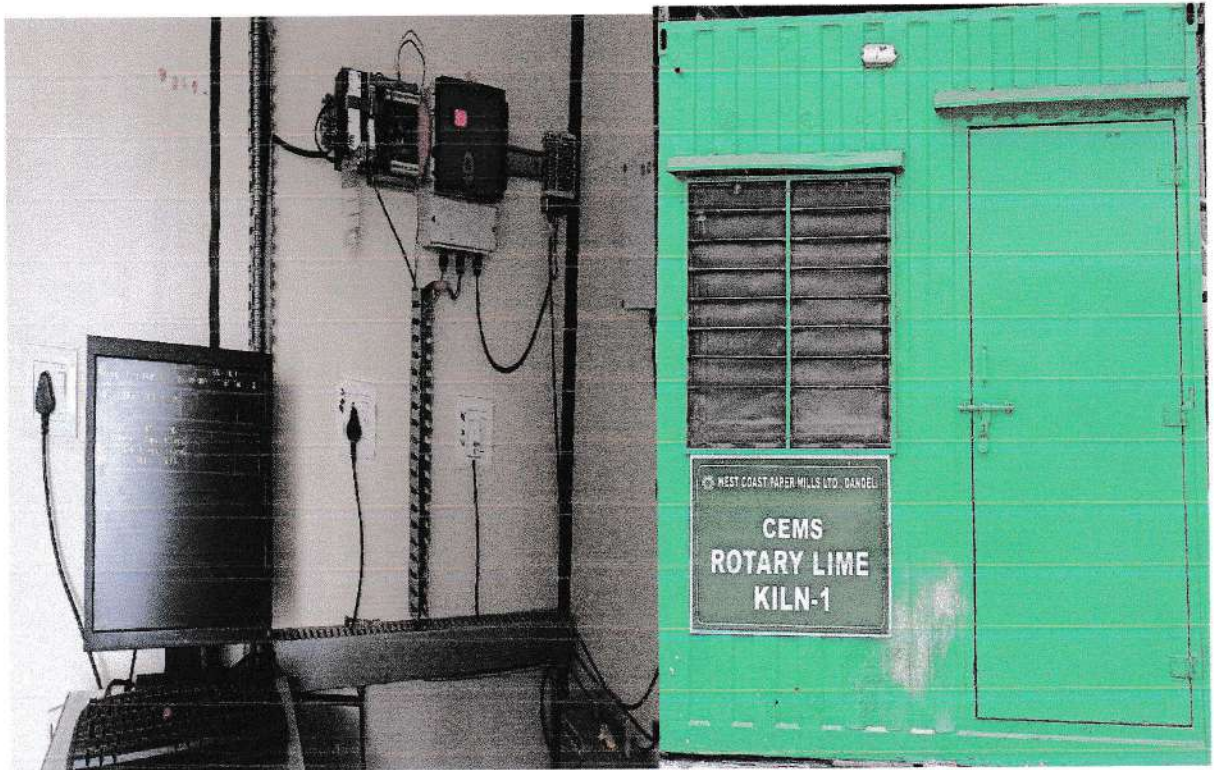
ANNEXURE-II
CRB-I CEMS



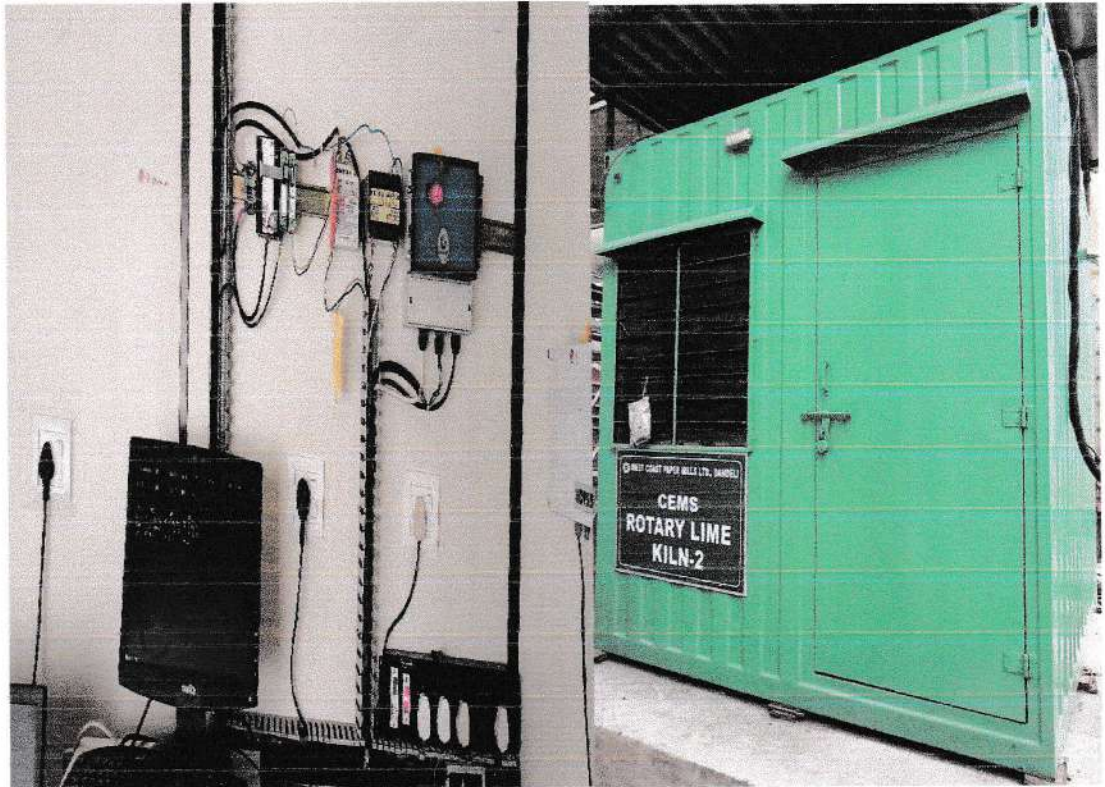
CRB-II CEMS



RLK 1 - CEMS



RLK 2 – CEMS



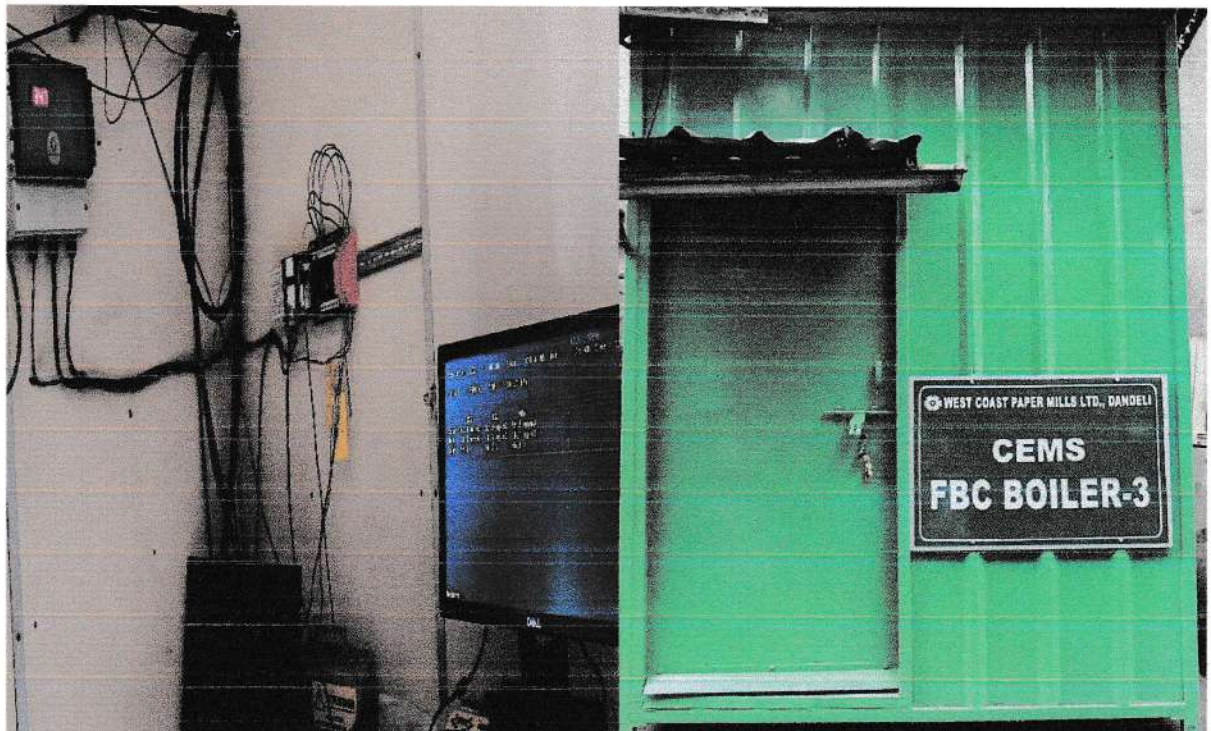
FBC 1 CEMS



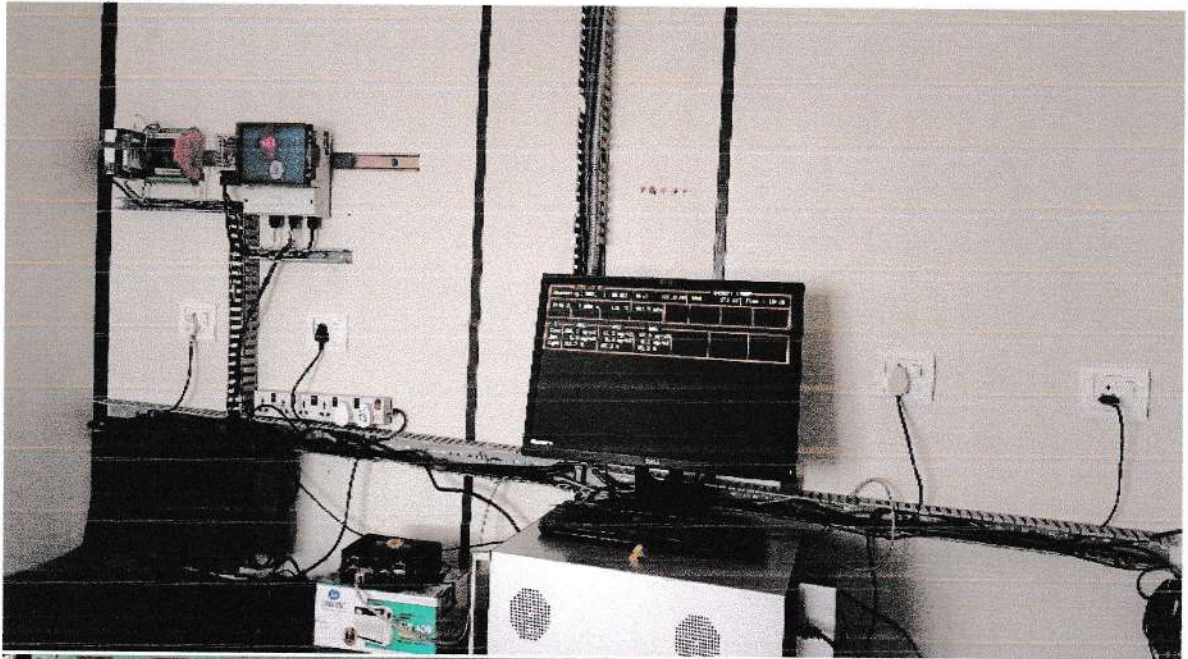
FBC 2 – CEMS



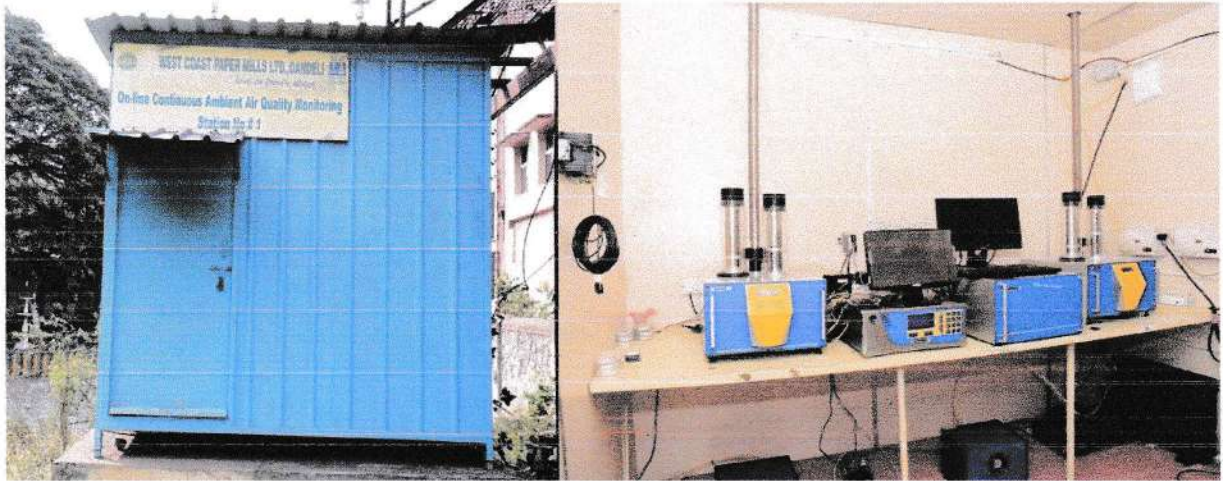
FBC 3 – CEMS



FBC 4 – CEMS



ANNEXURE-II
ADMINISTRATION OFFICE - AAQM STATION



MATERIAL GATE - AAQM STATION



ETP - AAQM STATION





Annexure-III

MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,
E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMISSION

MSVAL/QR/7.8/1

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : CRB I
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 29.01.2026
5. Date of Sample Receipt : 30.01.2026
6. Sample Code : 182
7. Analysis Starting Date : 30.01.2026
8. Analysis Completion Date : 02.02.2026
9. Report Issue date : 03.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: MSVAL/2026/166

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Black liquor
Ambient Temperature (°C)	29
Stack Temperature (°C)	129
Velocity (m/s)	14.01
Height (m)	60
Diameter (m)	2.0
Cross sectional area (m ²)	3.143

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	41.09	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	234.1	-
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	156.7	-
Hydrogen Sulphide (H ₂ S)	IS-11255(Part 4)	mg/Nm ³	BDL	10

BDL-Below Detectable Limit, BDL(Hydrogen Sulphide - 1 mg/Nm³)

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by



Authorized Signatory

 B.Chinna Lingana Gouda
 Chief executive of the laboratory

- Note: 1. The results listed only to the tested samples & applicable parameters.
 2. Samples Will be disposed after the specified retention period.
 3. This report is not to reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
 4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction Only
 5. Sampling is not done by us unless otherwise specified



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986

(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)

C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)

Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com

ANALYSIS REPORT FOR SOURCE EMISSION

MSVAL/QR/7.8/1

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : CRB II
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 29.01.2026
5. Date of Sample Receipt : 30.01.2026
6. Sample Code : 183
7. Analysis Starting Date : 30.01.2026
8. Analysis Completion Date : 02.02.2026
9. Report Issue date : 03.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: MSVAL/2026/167

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Black liquor
Ambient Temperature (°C)	29
Stack Temperature (°C)	131
Velocity (m/s)	12.44
Height (m)	85
Diameter (m)	3.25
Cross sectional area (m ²)	8.2994

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	44.19	150
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	206.7	-
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	131.5	-
Hydrogen Sulphide (H ₂ S)	IS-11255(Part 4) - 2006	mg/Nm ³	BDL	10

BDL-Below Detectable Limit, BDL(Hydrogen Sulphide - 1 mg/Nm³)

INFERENCE	As per KSPCB Standards, Report Status :- The analyzed values for above measured parameter are within the limits
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



- Note: 1. The results listed only to the tested samples & applicable parameters.
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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com

ANALYSIS REPORT FOR SOURCE EMISSION

MSVAL/QR/7.8/1

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : FBC III
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 29.01.2026
5. Date of Sample Receipt : 30.01.2026
6. Sample Code : 184
7. Analysis Starting Date : 30.01.2026
8. Analysis Completion Date : 02.02.2026
9. Report Issue date : 03.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: MSVAL/2026/168

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Coal
Ambient Temperature (°C)	29
Stack Temperature (°C)	134
Velocity (m/s)	8.96
Height (m)	85
Diameter (m)	2.2
Cross sectional area (m ²)	3.8030

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	52.65	50
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	325.4	600
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	177.8	300
Mercury	USEPA-METHOD-0060	mg/l	BDL	0.03

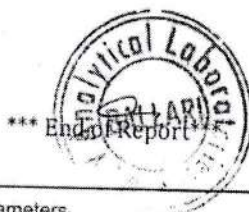
BDL-Below Detectable Limit, BDL(Mercury-0.01 mg/ l)

INFERENCE	As per KSPCB Standards, Report Status :- The analyzed values for above measured parameter are within the limits
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com

MSVAL/QR/7.8/1

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : FBC-IV
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 29.01.2026
5. Date of Sample Receipt : 30.01.2026
6. Sample Code : 185
7. Analysis Starting Date : 30.01.2026
8. Analysis Completion Date : 02.02.2026
9. Report Issue date : 03.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: MSVAL/2026/169

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Coal
Ambient Temperature (°C)	29
Stack Temperature (°C)	136
Velocity (m/s)	9.17
Height (m)	85
Diameter (m)	3.0
Cross sectional area (m ²)	7.0717

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS 11255 (Part-1)	mg/Nm ³	40.94	50
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm ³	293.0	600
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm ³	146.8	300
Mercury	USEPA-METHOD-0060	mg/l	BDL	0.03

BDL-Below Detectable Limit, BDL(Mercury-0.01 mg/l)

INFERENCE	As per KSPCB Standards,
	Report Status :- The analyzed values for above measured parameter are within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



*** End of Report ***

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MSVAL/QR/7.8/1

ANALYSIS REPORT FOR SOURCE EMISSION

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : RLK I
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 05.02.2026
5. Date of Sample Receipt : 06.02.2026
6. Sample Code : 693
7. Analysis Starting Date : 06.02.2026
8. Analysis Completion Date : 08.02.2026
9. Report Issue date : 08.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC407126000003021F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Furnace Oil
Ambient Temperature (°C)	29
Stack Temperature (°C)	140
Velocity (m/s)	8.73
Height (m)	51
Diameter (m)	1.35
Cross sectional area (m ²)	1.4320

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1)	mg/Nm ³	38.22	150
Sulphur dioxide	IS-11255(Part 2)	mg/Nm ³	201.3	-
Nitrogen dioxide	IS-11255(Part 7)	mg/Nm ³	132.4	-

Note: Flue gas diversion to PCC plant was stopped during analysis

INFERENCE	As per KSPCB Standards, Report Status :- The analyzed values for above measured parameter are within the limits
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



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E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC-4071

ANALYSIS REPORT FOR SOURCE EMISSION

MSVAL/QR/7.8/1

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Stack ID : RLK II
3. Sample Collected By : MSV Analytical Laboratories
4. Date of Monitoring : 05.02.2026
5. Date of Sample Receipt : 06.02.2026
6. Sample Code : 694
7. Analysis Starting Date : 06.02.2026
8. Analysis Completion Date : 08.02.2026
9. Report Issue date : 08.02.2026

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Stack emission ULR No: TC40712600003022F

GENERAL DETAILS

Instrument Used for Sampling	Sample collected with GTI-121
Fuel Used	Furnace Oil
Ambient Temperature (°C)	29
Stack Temperature (°C)	149
Velocity (m/s)	9.12
Height (m)	55
Diameter (m)	1.4
Cross sectional area (m ²)	1.5400

RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1)	mg/Nm ³	43.36	150
Sulphur dioxide	IS-11255(Part 2)	mg/Nm ³	210.2	-
Nitrogen dioxide	IS-11255(Part 7)	mg/Nm ³	139.8	-

Note: Flue gas diversion to PCC plant was stopped during analysis

INFERENCE	As per KSPCB Standards, Report Status :- The analyzed values for above measured parameter are within the limits
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



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TC-4071

MSVAL/QR/7.8/1
Page 1 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Fire Station
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Banzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : AAQ/793
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000003014F

S.NO	PARAMETERS	PROTOCOLS	UNITS	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	59.23	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	21.76	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	12.47	80
4	Oxides of Nitrogen as NO _x	IS 5182 (Part-6)	µg / m ³	16.94	80
5	Hydrogen Sulphide (H ₂ S)	IS-5182(Part -20)	µg/l	BDL	-

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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MSVAL/QR/7.8/1
Page 2 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Fire Station
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Benzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : 178
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2026/162

S.NO	PARAMETERS	PROTOCOLS	RESULTS	NAAQ STANDARDS
6	Mercaptan	GCMS Headspace Method	Not Detected	Not Specified
7	Total reduced sulphur compounds	GCMS Headspace Method	Not Detected	Not Specified

INFERENCE	As per NAAQS Standards Report Status: - The analyzed values for above measured parameter are within the limits.
-----------	--

Analysed by

Authorized Signatory

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Chief executive of the laboratory

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TC-4071

MSVAL/QR/7.8/1
Page 1 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Cooling Tower
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Benzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : AAQ/794
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC40712600003015F

S.NO	PARAMETERS	PROTOCOLS	UNITS	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	63.49	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	24.16	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	13.40	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	21.03	80
5	Hydrogen Sulphide (H ₂ S)	IS-5182(Part -20)	µg/l	BDL	-

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



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E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com

MSVAL/QR/7.8/1
Page 2 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Cooling Tower
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Banzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : 179
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2026/163

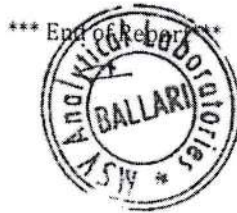
S.NO	PARAMETERS	PROTOCOLS	RESULTS	NAAQ STANDARDS
6	Mercaptan	GCMS Headspace Method	Not Detected	Not Specified
7	Total reduced sulphur compounds	GCMS Headspace Method	Not Detected	Not Specified

INFERENCE	As per NAAQS Standards Report Status: - The analyzed values for above measured parameter are within the limits.
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



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TC- 4071

MSVAL/QR/7.8/1
Page 1 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Pulp Mill ETP Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Banzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : AAQ/795
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000003016F

S.NO	PARAMETERS	PROTOCOLS	UNITS	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	46.25	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	14.43	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	11.65	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	18.57	80
5	Hydrogen Sulphide (H ₂ S)	IS-5182(Part -20)	µg/l	BDL	-

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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MSVAL/QR/7.8/1
Page 2 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Pulp Mill ETP Area
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Benzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : 180
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2026/164

S.NO	PARAMETERS	PROTOCOLS	RESULTS	NAAQ STANDARDS
6	Mercaptan	GCMS Headspace Method	Not Detected	Not Specified
7	Total reduced sulphur compounds	GCMS Headspace Method	Not Detected	Not Specified

INFERENCE	As per NAAQS Standards Report Status: - The analyzed values for above measured parameter are within the limits.
------------------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Samples Will be disposed after the specified retention period.
3. This report is not to reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction Only.
5. Sampling is not done by us unless otherwise specified



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (D) : 08392-255169,
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

MSVAL/QR/7.8/1
Page 1 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Single Point Discharge
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Banzone Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : AAQ/796
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: TC407126000003017F

S.NO	PARAMETERS	PROTOCOLS	UNITS	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM ₁₀	IS 5182 (Part-23)	µg / m ³	48.03	100
2	Particulate Matter PM _{2.5}	IS 5182 Part 24	µg / m ³	17.57	60
3	Sulphur Dioxide as SO ₂	IS 5182 (Part-2)	µg / m ³	12.11	80
4	Oxides of Nitrogen as NO _x	IS-5182(Part-6)	µg / m ³	15.24	80
5	Hydrogen Sulphide (H ₂ S)	IS-5182(Part -20)	µg/l	BDL	-

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,

E-mail : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.com

MSVAL/QR/7.8/1
Page 2 of 2

ANALYSIS REPORT OF AMBIENT AIR QUALITY

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POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Name of the location : Near Single Point Discharge
3. Sample Collected By : MSV Analytical Laboratories
4. Particulars of the sampling Equipments : Sample collected with FDS GTI-131, RDS APM-460,
Benzene Sampler & CO Meter
5. Duration of Monitoring : 24 Hours
6. Date of Monitoring : 29.01.2026
7. Date of Sample Receipt : 30.01.2026
8. Sample Code : 181
9. Analysis Starting Date : 30.01.2026
10. Analysis Completion Date : 02.02.2026
11. Report Issue Date : 03.02.2026
12. Sampling Protocol : IS 5182: Part 14: 2019

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Air ULR No: MSVAL/2026/165

S.NO	PARAMETERS	PROTOCOLS	RESULTS	NAAQ STANDARDS
6	Mercaptan	GCMS Headspace Method	Not Detected	Not Specified
7	Total reduced sulphur compounds	GCMS Headspace Method	Not Detected	Not Specified

INFERENCE	As per NAAQS Standards Report Status: - The analyzed values for above measured parameter are within the limits.
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

*** End of Report***



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Annexure-IV

West Coast Paper Mills Limited, Dandeli Pulp mill process and Bleaching sequence

Pulp Mill Operation Process :

The pulp is procured from any wood fibrous raw material containing cellulose. Pulping essentially consists of removing the binding chemical called lignin to separate cellulose from wood species. The separated pulp is further treated to get the required brightness and the bleached pulp is used for paper making.

1. Wood chipping and wood classification which is done in chipper house.
2. Store the classified chips in silos.
3. Pulp is produced in Super Batch digesters by addition of chemicals and steam application to chips where the lignin is separated at elevated temperature and pressure.
4. The cooked stuff is stored in Discharge tanks. The pulp is screened and washed to separate knots, sand, bark, grits, foreign material & spent liquor which is known as weak black liquor. The screened and washed pulp is then passed to oxytrack system (Oxygen Delignification) where oxygen treatment is given to pulp at elevated temperature. The pulp is stored in ODL blow tank.
5. The stored unbleached pulp is bleached to get bleached pulp.
6. The bleaching sequence consists of DHT stage (Chlorine dioxide treatment under hot condition), followed by EOP stage (Alkali, oxygen & Hydrogen peroxide treatment), followed by DnD stage (Chlorine dioxide treatment in 2 stages) at elevated temperature and the detailed bleaching sequence is explained below.

Bleaching of Pulp: Bleaching sequence is Dht EOP DnD

I .Dht Stage:

The unbleached pulp from PO press at 7.0% consistency is pumped to the Dht reaction tower through chemical mixer, where hot chlorine dioxide is mixed with pulp enters into upflow Dht tower, where it is retained for 120 mins depending on process rate. The pulp from the Dht tower overflows through dropleg and is fed to Dht press through MC pump. In press dewatering takes place to remove the residuals.

II .EOP Stage :

The Dht press pulp is mixed with alkali , hydrogen peroxide & hot water in Dht press outlet stand pipe and is passed through a chemical mixer where oxygen is mixed with the pulp . After mixing the Chemicals the pulp enters into up flow EOP tower where 90 mins reaction time is given at temperature of 78-80 °C. L. P. Steam is used in Sparger for maintaining temperature of filtrate (80-82°C). The reacted pulp from EOP tower overflows through dropleg and is pumped to EOP down flow tower and to press for dewatering residual chemicals. The Pulp from EOP press is diluted with DnD stage backwater in standpipe and sulphuric acid is added to maintain pH of 3.5-3.9 in D1 tower.

III. D1 Stage:

The pulp from EOP press is then passed through a chemical mixer where ClO₂ is added and after mixing it flows through an upflow tower. A retention time of 2 hours is given in D1 tower. The overflow of D1 tower is then pumped to down flow tower and fed to chemical mixer ahead of D2 tower after mixing with sulphuric acid to maintain pH of 3.2-4.0. L P steam is used in Sparger to maintain the DnD backwater temperature around 80°C.

IV. D 2 stage Bleaching:

Pulp from D2 stage chemical mixer enters into upflow tower after mixing with ClO₂ if required depending on previous stage pulp brightness. A reaction time of 2 hours is given in D2 stage and temperature of 75- 78 °C is maintained. SO₂ is added in the D2 tower dropleg to maintain the Residual chlorine level below 10ppm. Then the pulp is passed through DnD press for removing residual chlorine by dewatering. The DnD press pulp is diluted with fresh water and caustic is added to maintain final pulp pH between 6.0- 7.0 and is then pumped to MC towers.

V. Thus stored bleached pulp in MC towers is supplied to SP's I, II, III, and V from MC tower No.II, SP IV from MC tower 3 and for SP VI from MC tower No.I.

BLEACHING AGENTS:

Chlorine Cl₂. An effective bleach agent that works by chlorination, oxidation and substitution. Unfortunately these reactions not only lead to

bleaching but also to the attack on cellulose and to the formation of organic chlorine compounds that are toxic.

Sodium Hydroxide: Chemical used to dissolve the chlorolignin compounds formed during chlorination, which are insoluble in water and to maintain the pH for further processing of pulp.

Chlorine dioxide ClO₂: An efficient bleach agent that is attacking the lignin and other colored substances without too much influence on the cellulose. Chlorine dioxide is also used at lower ratio (10-20% of total act. Cl) not as a bleach agent but as a protector against the attack on cellulose by chlorine.

Hydrogen peroxide H₂O₂. : A bleach agent that will both delignify and bleach the fibers. H₂O₂ will also attack cellulose.

Neutralizing Agent:

Sulphur dioxide SO₂. : A gas that is used dissolved in water. Nowadays normally not used as a bleaching agent but as a reduction agent for residual oxidants – “chlorine killer”. Without the use of Sulphur dioxide the pulp’s aging properties will be worse and the corrosion on the equipment will be large.

Sulphuric acid H₂SO₄: An acid used to maintain pH of the pulp /filtrate.

Annexure-V

Write up on Non Condensable Gas collection and burning system

WCPM had a LVHC NCG (Low Volume High Concentration Non condensable gases, CNCG) system to collect, treat LVHC NCG from Pulp Mill Digester House, Evaporator Vacuum Pumps and burn in Rotary Lime Kilns

Additional sources of LVHC gas identified are vent from 4 Numbers of HBL (Heavy Black Liquor) storage Tanks & from New Foul condensate Storage Tank

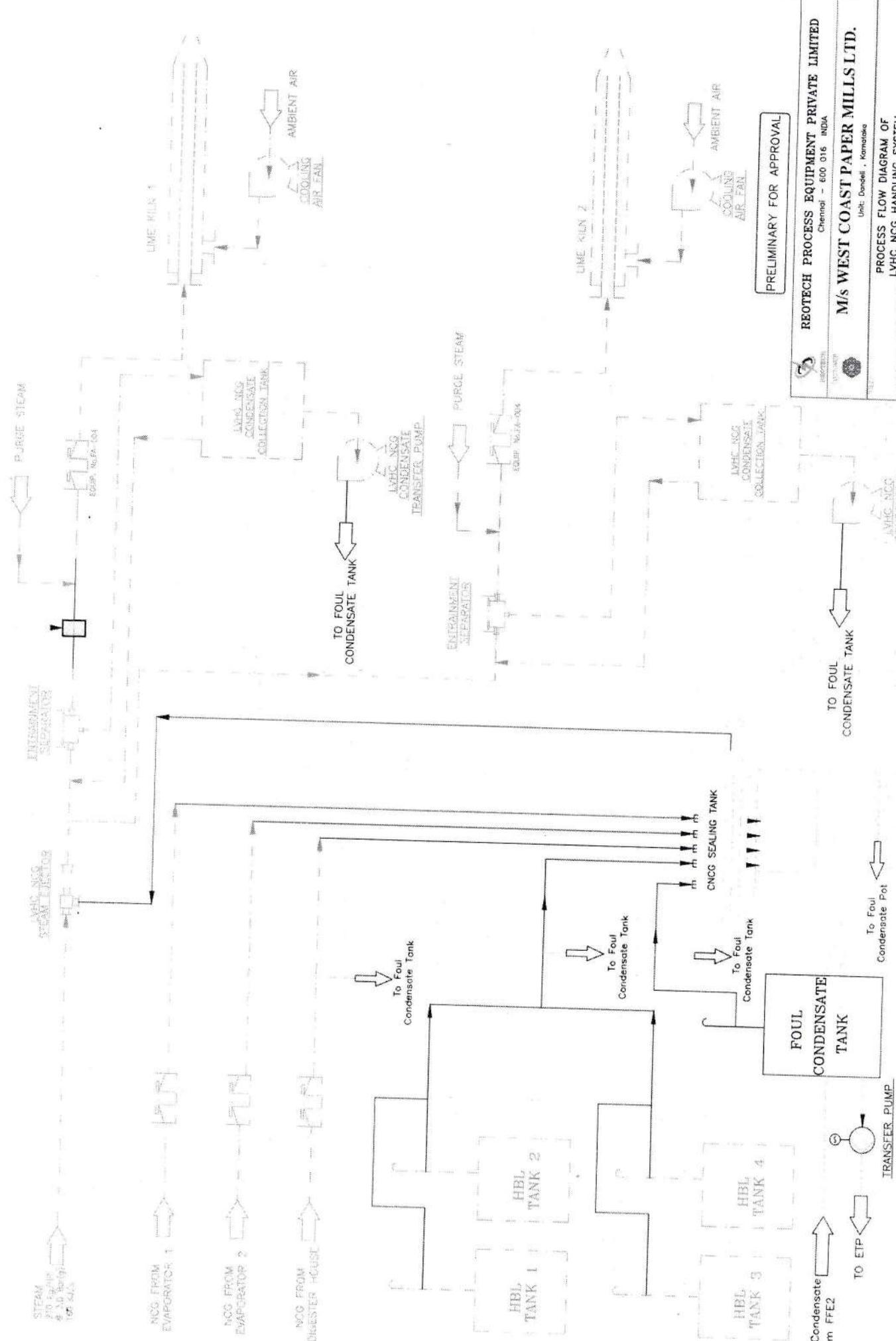
Accordingly, NCG Stream from Pulp Mill Digester, Evaporator Vacuum Pumps, New Foul condensate Tank Vent & all four HBL Tanks top are connected to the NCG Water seal Tank via separate lines.

Collected gases from NCG seal Tank are taken through ejector to gas heater via droplet separator to burn in the Lime Kilns.

Safety provision of Flame arrestor & Rupture discs also provided close to Lime Kiln Burner Area

Separate NCG gun is positioned on the off-load side of the main RLK burner, to direct the NCG gases into the main Oil flame near tip of the main Burner to ensure proper complete burning of NCGs inside the Lime Kiln.

NCG guns are provided in both Rotary Lime Kilns so that burning of NCGs will continue even when one RLK is down for any reason.



PRELIMINARY FOR APPROVAL

REOTECH PROCESS EQUIPMENT PRIVATE LIMITED
 Chennai - 600 016 INDIA

M/s WEST COAST PAPER MILLS LTD.
 Unit: Dandakudi, Karnataka

PROCESS FLOW DIAGRAM OF
 LVHC NCG HANDLING SYSTEM

DATE	26.03.2024	DESIGNER	SGN	DATE	27.03.2024	APPROVER	SGN
SCALE	AS SHOWN	NO.	44	PROJECT	NIS	NO.	J-NGFA0300-25-03-0001
DRAWN BY		CHECKED BY		APPROVED BY		DATE	
						27.03.2024	

P1

Annexure-VI

Water Saving Schemes FY 2021 to 2026		
Sl. No.	Schemes implemented	Year
1	Jack well water line to PM6 modification to warm water tank through pump to maintain level & avoid over flow	21-22
2	Back water use for PM6 finishing house pulper	21-22
3	In PM#2 dyes on line dilution with clarified water in place of fresh water.	21-22
4	In stock preparation hot water tank provided with LT and control valve to avoid water over flow	21-22
5	Paper machine No#2 high pressure interconnection with low pressure line rerouted and provided with isolation valve to avoid mixing of high pressure water	21-22
6	Process condensate to cool down and use for pump sealing in caustizer plant	22-23
7	Paper machine No1 filter back water to use for chemical preparation in place of fresh water	22-23
8	Paper machine No2 filter back water to use for chemical preparation in place of fresh water	22-23
9	Paper machine no5 power pack cooling water to divert to water conservation tank	22-23
10	Stock preparation pm#3 couch pit and press pit thickner shower nozzle modification.	22-23
11	PM#3 Refiner sealing water to collect and divert to conservation tank	22-23
12	Paper machine # 4&5 godown lift power pack cooling water to divert to water conservation tank	22-23
13	Paper machine No#5 disc filter super filtrate to use for Mold shower in place of fresh water	22-23
14	Paper machine no6 press section drained back water to collect in a pit and process through PM#4 disc filter and use clear filtrate for pulp dilution at fiber line.	22-23
15	Re use of drinking water filtration system back wash water by collecting in a pit and pump back to clarifier at filter house	22-23
16	Paper machine No#4 vacuum pump area drained back water to collect in a pit and process through pm#5 disc filter disc filter & superclear filtrate to use for PM#4 Mold shower in place of fresh water	22-23
17	Paper machine No 2 back water connection for Hydra pulper for dilution during soft wood slushing	22-23
18	Paper machine no2 back water for cycling chest for consistency dilution	22-23
19	SP4 Cloudy filtrate pump and line modification to collect in a pit and process through Disc filter	23-24
20	SP1,2,& 3 all pumps sealing water pipe line reduced from 1" to 1/4" to reduce water consumption	23-24
21	SP1 DAF clarified water line given to UTM Pulper	23-24
22	One additional vibro screen installed for PM1 back water clarification and pump excess back water to finer line.	23-24
23	Paper machine No4&5 excess back water to process through Mega cell krofta and use clear filtrate for PM4 Vat shower and remaining clear water to fiber line .	23-24
24	ETP Treated back water for log washing at chipper house	24-25
25	Dedicated pulp line for MICR pulp supply from fiber line to PM1 to save fresh water	24-25
26	Paper machine No3 vacuum pump cooling water to collect and filter through SP4 disc filter and supply for pulp dilution	24-25
27	FFE2 process condensate reuse at fiber line for pulp washing.	24-25
28	PM3 clarified water 240 m3 storage chest scheme	25-26
29	PM1 New disc filter	25-26
TOTAL		

Annexure-VI

Water intake and Effluent Discharge

Month	Water Intake m ³ / Month	Effluent Discharge m ³ / month
Oct-25	13,09,230	11,95,514
Nov-25	12,01,969	11,02,292
Dec-25	12,97,845	12,18,811
Jan-26	13,55,937	12,58,981
Feb-26	11,90,087	11,18,077
Mar-26	13,35,177	12,33,831
Total	76,90,245	71,27,506
Average per month	12,81,708	11,87,918
Average per Day	42,254	39,162
As per Consent, m ³ /day	1,00,000	85,885



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 E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

Annexure-VIII

MSVAL/QR/7.8/1

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ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Sample Marked as : Treated Trade Effluent
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 29.01.2026
8. Date of sample receipt : 29.01.2026
9. Sample Code : 292
10. Analysis Starting Date : 29.01.2026
11. Analysis Completion Date : 03.02.2026
12. Report Issue Date : 03.02.2026

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: TC407126000003024F

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULTS	Tolerance Limits As per KSPCB Consent
1	Odor	IS 3025 Part 5, Annex A	-	Agreeable	-
2	Total Suspended solids	IS 3025 Part 17	mg/L	30.0	50
3	Total dissolved solids	IS 3025 Part 16	mg/L	1240.0	2100
4	Temperature	IS 3025 Part 9	°C	25	Shall not exceed 40 °C in any section of the stream within 15 mts. Downstream from the effluent outlet
5	pH @ 25° C	IS 3025 Part 11	-	7.68	7.0 - 8.5
6	Oil & Grease	IS 3025 Part 39, Method (a)	mg/L	BDL(<1.0)	Max 10
7	Total Residual Chlorine	IS 3025 Part 26, Method (a)	mg/L	Nil	Max 1.0
8	Ammonical Nitrogen (as N)	IS 3025 Part 34, Method A	mg/L	3.60	Max 50
9	Total Kjeldal Nitrogen	APHA 24th Edition - 4500 - N org B	mg/L	2.15	Max 100
10	Free Ammonia	IS 2488 (Part 06)	mg/L	<1.0	Max 5.0
11	Biological Oxygen Demand (BOD)3 days at 27° C	IS 3025 Part 44	mg/L	24.0	Max 30
12	Chemical Oxygen Demand	IS 3025 Part 58	mg/L	185.0	Max 250
13	Chloride (as Cl)	IS 3025 Part 32	mg/L	68.50	Max 350
14	Dissolved Phosphate (as P)	APHA 24th Edition - 4500-P-(D)	mg/L	3.60	Max 5.0
15	Sulphate (as SO ₄)	APHA 24th Edition - 4500-SO42 -- (E)	mg/L	40.0	Max 1000
16	Sulphide (as H ₂ S)	APHA 24th Edition - 4500 S2--F	mg/L	0.20	Max 2.0
17	Sodium Absorption Ratio	IS 11624	-	3.60	-
18	Total Organic Carbon	EPA 9060 A	mg/L	59.44	-

INFERENCE As per KSPCB Consent Standards,
 Report Status: - The analyzed values for above measured parameters are within the limits.

Analysed by



Authorized Signatory

B.Chinna Lingana Gouda
 Chief executive of the laboratory

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Annexure-VIII

MSVAL/QR/7.8/1
Page 3 of 3

ANALYSIS REPORT OF WATER QUALITY

1. Name and Address of Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Sample Marked as : Treated Trade Effluent
3. Name of the location : Effluent Treatment Plant
4. Sample Collected By : MSV Analytical Laboratories
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 29.01.2026
8. Date of sample receipt : 29.01.2026
9. Sample Code : 188
10. Analysis Starting Date : 29.01.2026
11. Analysis Completion Date : 03.02.2026
12. Report Issue Date : 03.02.2026

Discipline: Chemical Group: Pollution & Environment Sub Group: Waste Water ULR NO: MSVAL/2026/172

S.NO	PARAMETERS	PROTOCOL	UNIT	RESULT
1	AO _x	LAB SOP	Mg/l	Not Detected

Effluent flow m³/d = 39459
Production MT = 908
AO_x Kg/Ton = Not Detected

Analysed by

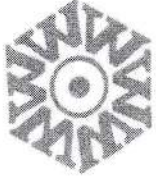
Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory

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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)



Annexure-IX

ZZT / Env - Cell-KSPCB /15/96
17-01-2026

CHIEF ENVIRONMENTAL OFFICER - 1
Karnataka State Pollution Control Board
" Parisara Bhavan"
1st to 5th floor,
#49, Church Street,
Bangalooru - 560001.

Speed Post with AD

Dear Sir,


Sub: Quarterly Fly Ash Utilization and Disposal report.

In reference to the above mentioned subject, we hereby submit the Fly Ash quarterly report for the period from 01-10-2025 to 31-12-2025 (Third Quarter of 2025-2026).

Hope you will find this in order.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD


ANUJ KUMAR TAYAL
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-16th Cross
Near Hari Om Trust, Habbuwada
KARWAR - 581 303

Speed Post with A D



Submission of Quarterly status report on Fly Ash utilization as per fly ash notification S.O 2084 E dated 03-11-2009 reg
Fly Ash Annual report from October 2025 to December 2025
01-10- 2025 to 31-12- 2025.

SI. No.	Particulars	Details
		October - 2025 to December - 2025
A]		
1	Name of the Industry	West Coast Paper Mills Ltd.
2	Full address including pin code	PB No.5, Bangur Nagar, Dandeli - 581325, Dist Uttar Kannada
3	Email address	anujtayal@westcoastpaper.com
4	Name of the Nodal Officer (not below the rank of DGM/Dy.CE/or equivalent) dealing with ash management and designation	Shri Anuj Kumar Tayal President (Technical)
5	Telephone number	9606049639
6	Fax number	08284-231225; 232148
7	Capacity of Thermal Power Plant	74.8 MW
8	Details of number of units and capacity of each unit	BHEL - 34.5 MW; TRIVENI - I - 5.2 MW, TRIVENI - II - 14.5 MW, TRIVENI - III - 15.5 MW, & EISHERWYSS - 5.1 MW.
9	Coal consumption in Metric Tons	62,078
10	Average ash content in %age	30.79%
B] Ash Generation		
1	Bottom ash in MT	6,583
2	Fly ash in MT	12,528
3	Total ash generated (Bottom + Fly) in MT	19,111
C] Ash Utilized in MT		
1	Ash pond duke rising	-
2	Cement industry	-
3	Own brick unit	-
4	Outside brick units	-
5	Own ash based products (other than bricks)	19,111
6	Ash based products (other than bricks) outside	-
7	Road and flyover embankments	-
8	RMC	-
9	Back filling of mines	-
10	Agriculture use	-
11	Irrigation and hydro power projects	-
12	Reclamation and compaction of low lying area	-
13	Others (slime pond bund construction)	-
	Total C (1 to 13)	19,111
D]	Reasons for variation from the target	-
E]	Remedial measures taken	-
F]	Quantity in ash pond in MT	-

Submission of Quarterly status report on Fly Ash utilization as per fly ash notification S.O 2084 E dated 03-11-2009 reg
This report is for the period from October 2025 to December 2025
01-10-2025 to 31-12-2025.

SI. No.	Particulars	Details
G] Ash Pond Details		
October - 2025 to December - 2025		
1	Total area earmarked for ash pond (ha)	
2	Ash pond already filled up and reclaimed (ha)	NA
3	Ash pond already filled up but yet to be reclaimed (ha)	NA
4	Ash pond in use (ha) (active ash pond)	NA
5	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	NA
H] Dry ash collection facilities		
1	Dry fly ash collection facility available (yes/no)	
2	If yes, how many units	Yes, Silos
I] Dry ash storage area		
1	Daily ash generation (TPD)	
2	Capacity of storage MT	207
3	Capacity of storage proposed	1055
J] Capital Expenditure (Rs in lakhs)		
1	Dry fly ash collection	
2	Dry fly ash storage	-
K] Dispute settlement committee		
1	Committee constituted (yes/no)	
2	No. of meetings held in the current period	No NA
L] Provision regarding supply to the brick kilns		
1	Whether maintaining month-wise records of ash made available to each brick kiln	Yes
2	If yes, how many brick kilns have been supplied with fly ash	List attached
3	Mode of transportation of ash - rail / rakes / truck / trailer / closed container / covered with tarpaulin / open	In closed containers for Cement Mfrs. & in trucks / Tippers duly covered with tarpaulin for Brick mfrs.
4	Dry ash	IN CLOSED CONTAINERS
5	Wet ash	IN TRUCK DULY COVERED WITH TARPAULIN
M] Promotional Measures		
1	Number of meetings / exhibitions / workshops / seminars held during the period	
2	Amount spent in Rs.	-
3	Outlay for the coming period	-
4	TV/radio advertisements / newspaper advertisements, others specify	-
N] Administrative Measures Taken		
1	Meeting with brick manufacturers	
2	Meeting with State Govt Agencies	

Signature:



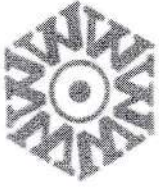
17-01-2026

Name :

Anuj Kumar Tayal

Designation :

President (Tech)



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)



ZZT / Env - Cell-KSPCB /15 / 478
07-04-2026

CHIEF ENVIRONMENTAL OFFICER - 1
Karnataka State Pollution Control Board
" Parisara Bhavan"
1st to 5th floor,
#49, Church Street,
Bangalooru - 560001.

Speed Post with AD

Dear Sir,


Sub: Quarterly Fly Ash Utilization and Disposal report.

In reference to the above mentioned subject, we hereby submit the Fly Ash quarterly report for the period from January 2026 to March 2026 (01-01-2026 to 31-03-2026) Fourth Quarter of 2025-2026.

Hope you will find this in order.

Thanking You,

Very truly yours,
WEST COAST PAPER MILLS LTD


ANUJ KUMAR TAYAL
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-16th Cross
Near Hari Om Trust, Habbuwada
KARWAR - 581 303

Speed Post with A D



Submission of Quarterly status report on Fly Ash utilization as per fly ash notification S.O 2084 E dated 03-11-2009 reg

Fly Ash Annual report from January 2025 to March 2026

01-01- 2026 to 31-03- 2026.

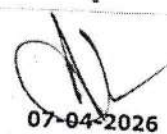
SI. No.	Particulars	Details
		January - 2026 to March - 2026
A]		
1	Name of the Industry	West Coast Paper Mills Ltd.
2	Full address including pin code	PB No.5, Bangur Nagar, Dandeli - 581325, Dist Uttar Kannada
3	Email address	anujtayal@westcoastpaper.com
4	Name of the Nodal Officer (not below the rank of DGM/Dy.CE/or equivalent) dealing with ash management and designation	Shri Anuj Kumar Tayal President (Technical)
5	Telephone number	9606049639
6	Fax number	08284-231225; 232148
7	Capacity of Thermal Power Plant	74.8 MW
8	Details of number of units and capacity of each unit	BHEL 34.5 MW; TRIVENI - I - 5.2 MW, TRIVENI - II - 14.5 MW, TRIVENI - III - 15.5 MW, & EISHERWYSS - 5.1 MW.
9	Coal consumption in Metric Tons	62,590
10	Average ash content in %age	34.55%
B] Ash Generation		
1	Bottom ash in MT	6,801
2	Fly ash in MT	14,824
3	Total ash generated (Bottom + Fly) in MT	21,625
C] Ash Utilized in MT		
1	Ash pond duke rising	-
2	Cement industry	-
3	Own brick unit	-
4	Outside brick units	21,625
5	Own ash based products (other than bricks)	-
6	Ash based products (other than bricks) outside	-
7	Road and flyover embankments	-
8	RMC	-
9	Back filling of mines	-
10	Agriculture use	-
11	Irrigation and hydro power projects	-
12	Reclamation and compaction of low lying area	-
13	Others (slime pond bund construction)	-
Total C (1 to 13)		21,625
D]	Reasons for variation from the target	-
E]	Remedial measures taken	-
F]	Quantity in ash pond in MT	-

Submission of Quarterly status report on Fly Ash utilization as per fly ash notification S.O 2084 E dated 03-11-2009 reg
This report is for the period from January 2026 to March 2026

01-01-2026 to 31-03-2026.

SI. No.	Particulars	Details
		January - 2026 to March - 2026
G] Ash Pond Details		
1	Total area earmarked for ash pond (ha)	NA
2	Ash pond already filled up and reclaimed (ha)	NA
3	Ash pond already filled up but yet to be reclaimed (ha)	NA
4	Ash pond in use (ha) (active ash pond)	NA
5	Area earmarked for ash ponds but ash ponds yet to be constructed (ha)	NA
H] Dry ash collection facilities		
1	Dry fly ash collection facility available (yes/no)	Yes, Silos
2	If yes, how many units	6 Nos. Silos.
I] Dry ash storage area		
1	Daily ash generation (TPD)	240
2	Capacity of storage MT	1055
3	Capacity of storage proposed	-
J] Capital Expenditure (Rs in lakhs)		
1	Dry fly ash collection	-
2	Dry fly ash storage	-
K] Dispute settlement committee		
1	Committee constituted (yes/no)	No
2	No. of meetings held in the current period	NA
L] Provision regarding supply to the brick kilns		
1	Whether maintaining month-wise records of ash made available to each brick kiln	Yes
2	If yes, how many brick kilns have been supplied with fly ash	List attached
3	Mode of transportation of ash - rail / rakes / truck / trailer / closed container / covered with tarpaulin / open	In closed containers for Cement Mfrs. & in trucks / Tippers duly covered with tarpaulin for Brick mfrs.
4	Dry ash	IN CLOSED CONTAINERS
5	Wet ash	IN TRUCK DULY COVERED WITH TARPAULIN
M] Promotional Measures		
1	Number of meetings / exhibitions / workshops / seminars held during the period	-
2	Amount spent in Rs.	-
3	Outlay for the coming period	-
4	TV/radio advertisements / newspaper advertisements, others specify	-
N] Administrative Measures Taken		
1	Meeting with brick manufacturers	-
2	Meeting with State Govt Agencies	-

Signature:



07-04-2026

Name : Anuj Kumar Tayal
Designation : President (Tech)

West Coast Paper Mills Ltd Dandeli

Central laboratory (Env.Cell)

List of Fly Ash Brich Manufacturer.

	Name of the agency
1	ANNAPOORNA BRICKS
2	BHARATH FLY ASH & SOLID BRICKS
3	CHETAN INDUSTRIES
4	DARSHAN FLY ASH BRICKS
5	DK BRICKS
6	G mart
7	JAI HANUMAN INDUSTRY
8	KAMBLE BRICKS
9	MAHALINGESHWAR BRICKS
10	MANIKANT BRICKS
11	OM SHIVA SHANKAR ASH AND SOLID BRICKS
12	PRATHAM INDUSTRIES
13	SHIVAJI INDUSTRIES
14	SHREE DURGA PRASAD INDUSTRIES
15	SHREE DURGA SHAKTI FLY ASH & SOLID BLOCKS
16	SHREE INDUSTRIES
17	SHREE MAHALAXMI FLY ASH & SOLID BRIKS
18	SHREE MAHALING FLY ASH & SOLID BRICKS
19	SHREE MALLIKARIJUN FLY ASH & SOLID BRICKS
20	SHREE PAVITRA INDUSTRIES
21	SHREE SAI INDUSTRIES
22	SHRI BHAVANI INDUSTRIES
23	SHRI GANESH INDUSTRIES
24	SHRI RENUKADEVI ENTERPRISES
25	TIRUMAL INDUSTRIAL
26	TREYAMBAKA CONSTRUCTION



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (0) : 08392-255169,
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

Annexure-X

MSVAL/QR/7.8/1

AMBIENT NOISE LEVEL MONITORING REPORT

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 29.01.2026
5. Report Issue Date : 03.02.2026
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC407126000003018F

S.No	Sample Location	Sample Code	Time Frequency	Results (Day time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
I	Industrial Area	1086					
1	New Fiber Line	1087	10.40am to 10.55am	71.6	67.2	69.2	75 (6.00am to 10.00pm)
2	SP IV and V	1088	11.10am to 11.25am	65.2	61.4	63.7	
II	Commercial Area	1089					
1	Shopping Center	1090	12.00pm to 12.15pm	62.1	60.3	61.6	65 (6.00am to 10.00pm)
2	Chowdary Gate	1091	12.25pm to 12.40pm	60.8	57.4	59.3	
III	Residential Area	1092					
1	Fire Station (DRT Quarters)	1093	10.10am to 10.25am	46.5	43.2	44.5	55 (6.00am to 10.00pm)
2	H Type Quarters	1094	10.40am to 10.55am	48.7	45.0	46.1	
IV	Silence Zone	1095					
1	Near Kanya Vidyalaya High school	1096	11.05am to 11.20am	42.5	40.1	41.6	50 (6.00am to 10.00pm)
2	Janata Vidyalaya High school	1097	11.30am to 11.45am	39.6	36.4	38.2	

INFERENCE	As per KSPCB Standards, Report Status :- The Noise level for the all locations is within the limits
-----------	--

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Samples Will be disposed after the specified retention period.
3. This report is not to reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction Only.
5. Sampling is not done by us unless otherwise specified



MSV Analytical Laboratories

Recognition by MoEF under Environment (Protection) Act, 1986 and Accredited by NABL
(Certified by ISO 14001:2015, ISO 45001:2018, ISO 9001:2015, ISO 22000:2018)
C.M.C Ward No 18 & C.T.C W.No.16 T.S No. 695/A/32/B1, Block No 19 (1st & 2nd Floor)
Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,
E-mail : msvbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvbellary.com



TC- 4071

AMBIENT NOISE LEVEL MONITORING REPORT

MSVAL/QR/7.8/1

1. Name and Address of the Industry : M/s. WEST COAST PAPER MILLS LTD
POST BOX NO.5, BANGUR NAGAR,
DANDELI-581325, KARNATAK, INDIA
2. Sample Collected By : MSV Analytical Laboratories
3. Particulars of Sample Collected : Noise meter
4. Date of Monitoring : 29.01.2026
5. Report Issue Date : 03.02.2026
6. Method Adopted : IS 9989: 2020

Discipline: Chemical Group: Atmospheric Pollution Sub Group: Ambient Noise ULR NO: TC407126000003019F

S.No	Sample Location	Sample Code	Time Frequency	Results (Night time)			
				Maximum in dB(A) Leq	Minimum in dB(A) Leq	Leq. in dB(A)	Permissible limits in dB(A) Leq
I	Industrial Area	1086					
1	New Fiber Line	1087	10.05pm to 10.20pm	58.4	56.3	57.7	70
2	SP IV and V	1088	10.30pm to 10.45pm	61.2	57.4	59.5	(10.00pm to 6.00am)
II	Commercial Area	1089					
1	Shopping Center	1090	11.05pm to 11.20pm	53.4	51.2	52.4	55
2	Chowdary Gate	1091	11.30pm to 11.45pm	51.7	48.4	50.0	(10.00pm to 6.00am)
III	Residential Area	1092					
1	Fire Station (DRT Quarters)	1093	10.10pm to 10.25pm	38.5	35.7	37.8	45
2	H Type Quarters	1094	10.35pm to 10.50pm	35.4	33.6	34.4	(10.00pm to 6.00am)
IV	Silence Zone	1095					
1	Near Kanya Vidyalaya High school	1096	11.00pm to 11.15pm	32.0	29.2	30.9	40
2	Janata Vidyalaya High school	1097	11.20pm to 11.35pm	30.5	28.4	29.3	(10.00pm to 6.00am)

INFERENCE

As per KSPCB Standards,

Report Status :- The Noise level for the all locations is within the limits

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda
Chief executive of the laboratory



- Note: 1. The results listed only to the tested samples & applicable parameters.
2. Samples Will be disposed after the specified retention period.
3. This report is not to reproduced wholly or in part & cannot be used as evidence in the court of law & should not be used in any advertising media without our special permission in writing
4. Total liability of our laboratory is limited to the Invoice amount. Any dispute arising out of this report is subject to Bellary Jurisdiction Only.
5. Sampling is not done by us unless otherwise specified

ANNEXURE-XI

WEST COAST PAPER MILLS LIMITED, DANDELI

CREP GUIDELINES

S. No	Large Pulp & Paper	Implementation schedule	Compliance status from October-25 to March- 2026
1	Discharge AOX Kg/T paper	AOX 1.5 Kg/T of paper within 2 years AOX 1.0 Kg/T of paper in 5 years.	The AOX level in treated effluent is well below 1 kg/T of product. NABL Lab test report is attached as Annexure – VIII
2	Installation of lime kiln.	Within 4 years.	We have installed Lime kiln of 135 TPD in 2003. In 2009 we have installed one more Lime kiln of 230 TPD. The total quantity of lime sludge generated from Chemical Recovery plant is burnt in Lime kiln to produce lime.
3	Water discharge m ³ /T of paper.	* Less than 140 m ³ /T of paper within 2 years * Less than 120 m ³ /T of paper within 4 years for units installed before 1992. * Less than 100 m ³ /T for units installed after 1992.	The discharged quantity of treated trade effluent for the last six months on average is 39162 m ³ /day which works out to 44 M ³ /T of paper. The same is within stipulated norms.
4	Odour control by burning the reduced sulphur emission in the boiler/lime kiln.	Installation of odour system within 4 years.	The black liquor from FFE at higher concentration of above 70% is fired in to Chemical Recovery Boiler (CRB). The H ₂ S emission from CRB is almost nil. We have installed non condensable gases collection system (M/s. A H Lundberg USA) from Pulp Mill area and burn it in Rotary Lime kiln. System is running satisfactory.
5	Utilization of Treated Effluent for Irrigation.	Wherever it possible.	We are discharging the treated trade effluent in to the Halamaddi nallah leading to river Kali as per MOEF letter No J-11011/408/2006-IA.II(I). Dated 12-05-2010. Since there is no agriculture land nearby and the mill is surrounded by thick forest, hence utilization of treated effluent for irrigation is not possible. The partial quantity of treated effluent is being used for sprinkling over coal and fly ash to suppress fugitive emission.
6	Color removal from the effluent.	Indian paper Manufacturers Association to take-up project with Central Pulp & Paper Research Institute.	Industry is putting continuous efforts to bring down the color in effluent. We have installed tertiary treatment system to bring down color and suspended solids. Presently the quality of the treated effluent conforms to the prescribed standards.

ANNEXURE-XII

Rain Water Harvesting Pits



ANNEXURE-XIII

West Coast Paper Mills Limited, Dandeli

Corporate Social Responsibility Initiative

As a responsible corporate citizen, West Coast Paper Mills Ltd carry out various social initiatives in and around Dandeli under Corporate Social Responsibility ever year.

The primary focus areas are as under:

1. Health Care
2. Safe Drinking Water
3. Education and Skill Development
4. Social infrastructure support and maintenance

Health Care Initiative:

- 1 Conducted Animal Health Check camp in 7 downstream villages in association with Veterinary Doctors and distributed free medicines.
2. Health check up camps by company doctors and paramedical staff in 7 downstream villages & Distributed Free Medicines
3. Organising Bone Density camp ,Eye camp for around 600 citizens from Dandeli & surrounding villages
- 4 Provided medical equipments - (1) Anaesthesia Workstation/Boyle's Apparatus (2) Operation Table & O.T Ceiling lights to Mother and Child Care Hospital,Dandeli
- 5 Provided medical equipments -(1) CR System with X-Ray machine to Joida Taluka Govt. Hospital (2) Bio chemistry analyser machine & Boyle's Apparatus for operation theater to Govt Hospital, Haliyal.
- 6 Provided Nutrition Supplement Kits to 250 malnourished children in Dandeli & nearby villages

Education and Skill Development initiative:

1. Distributed Umbrellas & School Bags to students of 7 down stream villages school
2. Provided financial assistance to Rotary Club of Dandeli to felicitate meritorious students of Dandeli
3. Women Empowerment through Self Employment Training programme (1) artificial jewellery, (2) Beauty parlour & association with CBD RSETI Haliyal
4. Provided 15 nos Sewing Machines to CBD RSETI for conducting taioloring Programme to 200 women entrepreneurs for self employment.
5. Conducted VTU Koushalya Vikas Programme by National Academy for Skill Development in - Providing (1) CNC Machine operations/programming (2) Automative Painting & (3) Industrial Safety training to 90 students of Dandeli and surrounding Villages.
6. Providing Desks cum Benches/ Computers/ Education Aids to around 10 Schools & Colleges of Dandeli/ Haliyal/ Joida.
7. Constructed Midday meal hall at Kanyavidyalaya Govt High School, Dandeli for the benefit of around 300 girl students

8. Renovated and infrastructure works at Bangur Nagar Degree college Dandeli.
9. Renovated and infrastructure works at Junior College, Bangur Nagar for the benefit of around 800 students.
10. Building renovation including internal & external Painting Work to Bangurnagar Kannada Higher Primary School Dandeli for the benefit of around 500 students of Dandeli & surrounding rural villages.
11. Constructed Boys & Girls Toilet Blocks at Government High School, Old Dandeli.
12. Constructed Three Anganwadi Day Care Centres (Creche) with playing equipments at Haliyal Road, Old Dandeli and Basaveshwar nagar, Dandeli
13. Painting work of Shri Parijnanashrama Kannada School Vanashree nagar Dandeli

Social infrastructure and maintenance

- 1 Installed 50 Cement Benches in Parks / Public Spaces at Dandeli for citizens
- 2 Installed One (Clean and Green city) Welcome Board at the entrances of Dandeli near Kogilban
- 3 Constructed Government Cow Shed at Dusgi village Goshala Haliyal taluka
- 4 Developed Ambewadi Garden at Dandeli for the benefits of general public
- 5 Installed Pavers surrounding GYM Equipments at Township Anganwadi Dandeli.
- 6 Installed Open GYM equipments at Township anganwadi & Ambewadi garden Dandeli
- 7 Provided Steel Cots, cotton beds with mattresses & pillows to Anandashram Old age home, Dharwad to facilitate senior citizens & orphans.
- 8 Constructed two Bus Shelters at Nandigadda village, Joida Taluka for Villagers use
- 9 Constructed Auto stand at Bamboo gate & near Bhatt Hospital Dandeli for use of general public
- 10 Provided Sheet Roof shelter to Government Public Library Dandeli for use of Dandeli public
- 11 Constructed Toilet Blocks at Government Devaraj Urs Truck Terminal on Haliyal Road, Dandeli for the use of truck drivers & cleaners

Other Social Initiatives

1. Contribute for the maintenance of Dandakaranya Eco Park – a unique bio diversity park developed by Karnataka Forest department in Dandeli.
2. Maintenance of Nand Gokul Garden and public toilets Dandeli for general public
3. Celebrated World Ozone Day.
4. Repair and painting of 100 statues at Dandakaranya Eco-Park Dandeli
5. Developed Kotitheertha Holy Pond at Gokarna.
6. Cutting of dangerous tree branches in Dandeli and surrounding villages for the benefit of general public.

7. Distributed 15000 cotton grocery bags to Uttara Kannda citizens to create awareness about non usage of plastic
8. Contributed for construction of Community Hall at Gama village Shivamogga
9. Financial assistance to Schools/Colleges for conducting district level sports activities at Dandeli/Haliyal/Joida taluka.
10. Contributed for construction of sports complex (Badminton Hall) to forest staff at Dharwad
11. Provided Printer, Computer set / Inverter Battery / Plastic Chairs, Cup-boards to Police Department Offices, Tahsildar Office, Taluk Panchayat Office, Dandeli,Haliyal Taluka
12. Planted 10,000 various tree saplings for environment sustainability in Dandeli town
13. Construced Community Hall at Old Dandeli Ganapati Temple for use of general public
14. Financial Assistance to Shikaripura Okkaligara Sangha, Shivamogga for construction of Community Hall for use of general public.
15. Financial Help to Prerana Trust, Gund and Kali Utsav Samiti for conducting Cultural activities

Safe Drinking Water

- 1 Providing Drinking Water & Maintenance of Supply System at 7 downstream villages : Kerwad, Badakansirda, Karyampali, Maynal, Halamaddi, Harnoda & Saxalli
- 2 Provided R O Water Purifier Systems to Schools/ Colleges/ Hospital of Dandeli/ Haliyal/ Joida for providing Safe Drinking Water

SPORTS

1. Contributed financial assistance for conducting Table Tennis competition at BN degree college
2. Contributed financial assistance cluster level sports at Yellapur.
3. Contributed financial assistance high school level sports at Dandeli

Last three years expenditure on C S R initiatives are as under:

Rupees in Lakhs				
SI No	HEADS	2023-24	2024-25	2025-26
1	Health Care	45.33	57.61	72.51
2	Safe Drinking water	31.52	39.41	40.52
3	Education and Skill Development	451.27	692.98	704.69
4	Social infrastructure and maintenance	66.37	204.93	160.45
5	Other Social Initiatives	94.67	164.06	223.96
	TOTAL	689.16	1158.98	1202.13

ANNEXURE-XIV**WEST COAST PAPER MILLS LTD, DANDELI****ENVIRONMENT CELL**

Sr. No.	Name of the Executive	Designation	Qualification	Responsibility
1.	Mr. Anujkumar Tayal	President (Tech)	BE(Pulp & Paper)	Mills Technical Head. Overall responsible for Environmental Compliance.
2.	Mr. Ramesh. N	Sr. Manager	M.Sc	Day to day ETP operation and Liaisoning with KSPCB/CPCB & MOEF
3.	Mr. U.C. Naregal	Superintendent	B.Sc	Environmental Compliance and co-ordination with PCB officials.
4.	Mr. A.M. Sharma	Shift Incharge	B.Sc	ETP Operation, handling of Stack, Ambient Air, Noise and Effluent testing. Online AAQMS, CEMS & WQMS monitoring and maintenance.
5.	Mr. A.R. Bhandari	Section officer	B.Sc Diploma in Computer Science	
6.	Mr. Gopal. M	Chemist	B.Sc	Effluent Treatment Plant handling in shift
7.	Mr. R.N. Naik	Chemist	B.Sc Diploma in Computer Science	Effluent Treatment Plant handling in shift. Effluent sampling and analysis.
8.	Mr. B.A. Kalagatagi	Chemist	B.Sc	Effluent Treatment Plant handling in shift.
9.	Mr. Omkar Gaonkar	Chemist	B.Sc	Effluent Treatment Plant handling in shift.

ANNEXURE-XV

WEST COAST PAPER MILLS LTD, DANDELI

Capital cost incurred towards Environmental Pollution Control Measures

Sr. No.	Description	Investment (Rs in Crores)
1.	New Cooking plant and fibre line	171.0
2.	New chlorine di-oxide plant	23.4
3.	Oxygen delignification plant	4.9
4.	Whit liquor oxidation plant	2.15
5.	ESPs with chimneys	4.0
6.	Producer gas plant	10.0
7.	New lime kiln	15.8
8.	Online stack monitoring for SPM	0.2
9.	Non condensable gas system	5.0
10.	Dust extraction systems	0.3
11.	Waste water treatment system upgradation	5.0
Total		241.75