



# 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/ 787

12.06.2026

**THE DIRECTOR (S),**

Ministry of Environment & Forest,

Regional Office – (Southern Zone),

Kendriya Sadan, 4<sup>th</sup> Floor, E & F Wings, 17<sup>th</sup> Main Road,

2<sup>nd</sup> Block, Koramangala,

**BANGALORE – 560 034**

Dear Sir,

**Sub : Half yearly Compliance Report in respect of Environment Clearance.**

**Ref : E C No. F. No. J-11011/408/2006 – IA - II(I) dated 01-02-2021 Ministry of Environment & Forests. Government of India, New Delhi.**

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

Based on market condition, we are yet to start the Mill Development Plan as considered in above EC.

We hope you will find the above in order.

Thanking You,

Yours faithfully,

For **WEST COAST PAPER MILLS LIMITED,**

**ANUJ KUMAR TAYAL**  
**PRESIDENT (TECH)**

Encl: as above.

- 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



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 (2<sup>nd</sup> Half)

Date: 05-06-2026

Sub: Compliance Report for the Consent Conditions by Ministry of Environment & Forests.  
Ref : E C No. F. No J-11011/408/2006 – IA - II (I) dated 01-02-2021.

EC Conditions	WCPM compliance status from October - 2025 to March-2026
<b>A: Specific conditions:</b>	
i. The project proponent shall obtain the necessary permission from the competent authority concerned for drawl of surface water before commencement of work.	Industry has obtained the permission to draw fresh water from Karnataka Government up to 1,00,000 m <sup>3</sup> /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.
ii. Green belt shall be developed in an area equal to 34% of the plant area with a native tree species (density 1000 trees per acre) in a time frame of two years in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Industry is having total land area of 375.73 acres. The number of trees with 1000trees per acre work out to 1,28,000 nos.. Industry has planted more than 1,35,000 nos. native tree in and around the plant to meet 34% green belt requirement.
iii. Action plan for management of wastewater during rainy season shall be submitted to the RO.	Industry has provided separate storm water channel and waste water channel. There is no mixing of waste water into storm water drain. Industry has submitted action plan to RO vide letter No: ZZQ/Environment Cell)-MOEF/17/803, dated 08.05.2023.
iv. PTFE bags shall be used in filter bag house and designed for 150% of normal design air flow.	Industry will use PTFE bags in filter bag house for New Dust Extraction system in New FBC Boiler considered in Mill Development Plan (MDP).
v. PP shall use ultralow NOx burner with three stage combustion, flue gas recirculation and auto combustion control system.	Industry will use the same for New FBC boiler considered in Mill Development Plan (MDP).
vi. FGD system for SOx Control shall be used.	Industry will use the same for New FBC boiler considered in Mill Development Plan (MDP).
<b>B. General conditions:</b>	
<b>I. Statutory compliance:</b>	
i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/ Subordinate legislations etc., as may be applicable to the project.	Noted & will be followed.
<b>II. Air quality monitoring and preservation</b>	

**West Coast Paper Mills Limited, Dandeli**  
Compliance status from October-2025 to March-2026 (2<sup>nd</sup> Half)

EC Conditions	WCPM compliance status from October - 2025 to March-2026
i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring CAAQ M parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment(Protection) Act, 1986 or NABL accredited laboratories.	The gaseous emissions from various process sections in the plant are maintained within stipulated norms as prescribed from time to time.  Industry has already installed 3 nos of On-line CAAQM stations near boundary of plant area & 8 nos On-line stations for Rotary Lime Kiln, Chemical Recovery Boilers, and Power boilers. The data from the CAAQMS and stack on line stations are linked to CPCB /KSPCB website. All parameters are well within the NAAQ standards. The ambient air quality & stack test report monitored by NABL are attached as <b>Annexure-I</b> . The ambient and stack emission test report monitored by online CEMS and CAAQMS for 6 months are attached as <b>Annexure -II</b> . Calibration of system is being done from time to time by recognized Lab.
ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under Environment (Protection) Act, 1986.	Industry is already monitoring fugitive emissions in the plant on quarterly basis by NABL lab. Copy of report is attached as <b>Annexure-I</b> as stated above.
iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Agreed & will be followed accordingly.
iv. The project proponent shall install high  volume, low concentration NCG collection & destruction system to mitigate all malodorous gases emitted.	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 system is running satisfactorily.  The installation of High-Volume Low Concentration NCG collection system and destruction system will be done in Mill Development Plan (MDP).
v. Emissions shall be controlled from chemical recovery section through primary and secondary venture scrubbers.	Industry has installed efficient ESPs for emission control in Recovery Boilers and Rotary Lime Kiln stacks which are fitted with stacks of adequate height that are sufficient to control emissions from chemical recovery section.
vi. Pollution control system in the pulp and paper plant shall be provided as per the CREP Guidelines of CPCB.	Pollution Control System as per the CREP guidelines is in place. Copy attached as <b>Annexure - III</b> .
vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Already existing
viii. Wind shelter fence and chemical spraying	Industry does not use raw materials that are

**West Coast Paper Mills Limited, Dandeli**  
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EC Conditions	WCPM compliance status from October - 2025 to March-2026
shall be provided on the raw material stock piles.	like powder & light in weight and hence there is no possibility of fugitive emissions at raw material storage area. However, based on requirements, industry will explore possibility to install wind shelter fence for existing raw material storage piles in future after expansion project is taken up.
ix. In case of treatment process disturbances/failure of pollution control equipment adopted by the unit, the respective unit shall be shut down and shall not be restarted until the control measures are rectified to achieve the desired efficiency.	Noted
x. The company shall install Oxygen De-lignification (ODL) Plant and shall maintain AOX below 1 kg/tonne of paper production.	Industry has installed Oxygen de-lignification plant in 2010 and AOX is maintained below 1kg/ton. Analysis report enclosed as <b>Annexure-IV</b> .
xi. Elemental Chlorine Free (ECF) technology shall be used and lime kiln shall be installed to manage lime sludge.	Industry is already using ECF technology in Pulp Bleaching since 2010. We have 2 nos. of Lime Kilns to handle the lime sludge.
<b>III. Water quality monitoring and preservation.</b>	
i. The project proponent shall install 24x7 continuous effluent monitoring with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No.546(E) dated 30th August 2008 as amended from time to time and S.O.3305 (E) dated 7 <sup>th</sup> December 2015. (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate this system from time to time according to equipment supplier Specification through labs recognized under Environment (Protection) Act. 1986 or NABL accredited laboratories.	Industry has already installed 24X7 Effluent on line monitoring system and same is connected to SPCB & CPCB online servers. Calibration of system is being done from time to time by recognized Lab. Photographs of the monitoring station is enclosed as <b>Annexure-V</b> .
ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post-monsoon) at sufficient numbers of piezometers / sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act. 1986 and NABL accredited laboratories.	Industry is monitoring ground water quality on half yearly basis (Pre and post-monsoon) at sufficient numbers of piezometer/sampling wells in plant adjacent area through NABL approved lab. Pre-monsoon Ground water analysis reports attached as <b>Annexure-VI</b> .
iii. The project proponent shall provide the ETP to meet the standards prescribed in vide G.S.R. No. 546 (E) dated 30th August 2008 as amended from time to time and S.O. 3305 (E) dated 7 <sup>th</sup> December 2015 (Thermal Power Plants) as amended from time to time.	Existing ETP is adequate to meet the existing and future requirement. However, during commissioning of Mill Development Plan, whatever further infrastructure required will be installed to ensure that we meet all prescribed norms.
iv. Sewage Treatment Plant shall be provided for	Sewage effluent from the colony of Mill is being

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EC Conditions	WCPM compliance status from October - 2025 to March-2026
treatment of domestic wastewater to meet the prescribed standards.	treated with the pulp mill effluent in Activated Sludge process. The treated effluent is meeting the stipulated standards. This will be continued in Mill Development Plan.
v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.	Garland drains & collection pits are provided at stock piles area to arrest the run off in the event of heavy rains. Photographs of the storm water collection pits are enclosed as <b>Annexure-VII.</b>
vi. Tyre washing facilities shall be provided at the entrance of the plant gate(s).	Industry will provide during Mill Development Plan implementation.
vii. Ensure that there is no black liquor spillage in the area of pulp mill, no use of elemental chlorine for bleaching in mill, installation of hypo preparation plant.	Industry has already provided 2 Nos of pits in Pulp Mill to collect black liquor from spillage & reuse in to the system. No elemental chlorine is being used for bleaching; No hypo preparation plant is installed, as we buy hypo from market for treatment of raw water.
viii. Ensure that no spillage of foam in chemical recovery plant, no discharge of foul condensate generated from MEE in the Chemical recovery process directly to ETP.	Foul condensate stripping plant will be installed along with new Evaporator system in Mill Development Plan.
ix. The project proponent shall practice rainwater harvesting to maximum possible extent.	Industry has constructed sufficient rain water harvesting pits inside mill premises. Photo enclosed as <b>Annexure-VIII.</b>
x. Water meters shall be provided at the inlet to all unit processes.	Industry has provided Water meters at the inlet of all unit process and monitored regularly.
xi. The project proponent shall make efforts to minimize water consumption in the plant complex by segregation of used water, practicing cascade use and by recycling treated water.	By implementing 3R Principle, i.e., Reduce, Recycle and Reuse, our water consumption is far below the stipulated norms. However continuous efforts are being made to further improve by adopting new technology/equipment. <b>Water saving scheme details are enclosed as Annexure-IX</b>
<b>IV. Noise monitoring and prevention</b>	
i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Noise quality is monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000. Report is attached as <b>Annexure - X.</b>
<b>V. Energy Conservation measures</b>	
i. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly.	Noted & shall be followed.
ii. Provide LED lights in their offices and residential areas.	Industry is already replacing conventional lights with energy efficient LED lights in factory and colony area in phased manner.
<b>VI. Waste Management</b>	

**West Coast Paper Mills Limited, Dandeli**  
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EC Conditions	WCPM compliance status from October - 2025 to March-2026
i. Deinking sludge and fine sludge from ETP shall be disposed through TSDF.	Noted and shall be followed
ii. Black Liquor shall be separately processed for recovery of energy and chemical in a Chemical Recovery Process.	Industry is having 2 chemical recovery boilers and complete black liquor is being used for generating green energy.
iii. Sufficient number of colour coded waste collection bins shall be constructed at shop floors in each shop to systematically segregate and store waste materials generated at the shop floors (other than Process waste) in designated coloured bins for value addition by promoting reuse of such wastes and for good housekeeping.	Colour coded bins are already in place at shop floors to systematically segregate and store the waste materials generating at the shop floors to promote reuse of such wastes and for good housekeeping.
iv. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	100% fly ash is being given to brick manufactures and cement manufacturers. Details of fly ash sold to brick manufacturers is enclosed as <b>Annexure-XI</b> .
v. Kitchen waste shall be composted or converted to biogas for further use.	Industry is collecting kitchen waste from our staff colony and composting the same. Manure is being used in plantation work and also in Dandeli ECO Park.
<b>VII. Green Belt.</b>	
i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	GHG emissions inventory for the year 2021 has been prepared and accordingly programme for reduction of GHG including carbon sequestration with plantation shall be made. Details are already submitted along with the 1 <sup>st</sup> half compliance report i.e. April-2022 to September-2022.
<b>VIII. Public hearing and human health issues</b>	
i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been implemented. The same will be updated during commissioning of the Mill Development Plan.
ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Heat stress analysis is being carried out for workmen who work in high temperature zone. Required PPE as per Factories Act norms are provided.
iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	We have full-fledged Occupational Health Centre (OHC). We carry out periodically following: <ul style="list-style-type: none"> <li>• Pre-employment medical examinations for new recruits</li> <li>• Eye test, Audiometry, Pulmonary</li> </ul>

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EC Conditions	WCPM compliance status from October - 2025 to March-2026
	<p>Function and special Test are undertaken once in a year for all related employees having exposure to vulnerable working zones.</p> <ul style="list-style-type: none"> <li>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.</li> </ul>
<b>IX. Corporate Environment Responsibility.</b>	
i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No.22-65/2017-IA.III dated 30/09/2020.	Industry will abide by this condition on implementation of Mill Development Plan.
ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements /deviation/violation of the environmental/forest/wildlife norms/conditions and /or shareholders /stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	<p>The industry is certified for ISO 9001, ISO 14001 and OHSAS 18001 standards. The Environment Policy requirement is covered in Integrated Management System Policy (QEHS). This policy is approved and signed by Executive Director. This QEHS policy is approved by Board of Directors of Company in Board Meeting held on 26.05.2022. We have well defined system for reporting deviation or violation of the environmental norms or conditions.</p> <p>Copy of QEHS Policy is attached as <b>Annexure-XII.</b></p>
iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly report to the head of the organization.	Industry has established Environmental Cell with qualified personnel under the control of senior executive reporting to Head of Organization. The same is attached herewith as <b>Annexure - XIII.</b>
<b>X. Miscellaneous</b>	
i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	<p>EC was advertised on 11.2.2021 in DECCAN HERALD (English) and Karavali Munjavu (Kannada) local newspapers.</p> <p>We have also displayed the EC copy on our web site <a href="http://www.westcoastpaper.com">www.westcoastpaper.com</a> on 10.2.2021.</p>
ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.	Industry has submitted EC hard copies to Heads of local bodies, Panchayats and municipal Bodies on 10.2.2021.

**West Coast Paper Mills Limited, Dandeli**  
Compliance status from October-2025 to March-2026 (2<sup>nd</sup> Half)

EC Conditions	WCPM compliance status from October - 2025 to March-2026
iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.	Half yearly status of compliance report of stipulated environment clearance conditions, including monitored data of half yearly are available on our website.
iv. The project proponent shall monitor the criteria pollutants level namely: PM10, SOx NOx (ambient levels as well as stack emissions) or critical sectoral parameters indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.	Electronic Display board for required critical parameters has been installed in front of Factory gate for the general public. Also, critical pollutants parameters are being put on our Web site. Photograph of the display is enclosed as <b>Annexure-XIV</b> .
v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.	Compliance status of Environment Clearance conditions is being submitted to concerned authorities on half yearly basis.
vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.	Environmental Audit statement for every financial year ending with 31st March in Form-V as per Environment (Protection) Rules, 1986 is being submitted before end of September. The last Environment Statement has been submitted on 11.09.2025.
vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	A copy of Environmental Clearance obtained for the project is submitted to Regional office, MoEF. We will inform the start of Mill Development Plan activities. Project activities will be started at the appropriate time, based on the market conditions.
viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Public hearing points as per the point no. 18, given in EC shall be implemented. We abide for all the commitment made on start of Mill Development Plan.
ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF & CC).	Noted
x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection)	Noted

**West Coast Paper Mills Limited, Dandeli**  
Compliance status from October-2025 to March-2026 (2<sup>nd</sup> Half)

EC Conditions	WCPM compliance status from October - 2025 to March-2026
Act, 1986.	
xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted
xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Noted
xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.	Noted
xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted



**ANUJ KUMAR TAYAL**  
**PRESIDENT (TECH)**



# 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 (1<sup>st</sup> & 2<sup>nd</sup> 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



TC- 4071

## Annexure-I

MSVAL/QR/7.8/1  
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### 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,  
Banzena 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 <sub>10</sub>	IS 5182 (Part-23)	µg / m <sup>3</sup>	59.23	100
2	Particulate Matter PM <sub>2.5</sub>	IS 5182 Part 24	µg / m <sup>3</sup>	21.76	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part-2)	µg / m <sup>3</sup>	12.47	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS 5182 (Part-6)	µg / m <sup>3</sup>	16.94	80
5	Hydrogen Sulphide (H <sub>2</sub> S)	IS-5182(Part -20)	µg/l	BDL	-

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* End of Report\*\*\*



- 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



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

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MSVAL/QR/7.8/1  
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## 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.
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Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* End of Report \*\*\*



- 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  
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## 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: TC407126000003015F

S.NO	PARAMETERS	PROTOCOLS	UNITS	RESULTS	NAAQ STANDARDS
1	Particulate Matter PM <sub>10</sub>	IS 5182 (Part-23)	µg / m <sup>3</sup>	63.49	100
2	Particulate Matter PM <sub>2.5</sub>	IS 5182 Part 24	µg / m <sup>3</sup>	24.16	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part-2)	µg / m <sup>3</sup>	13.40	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	21.03	80
5	Hydrogen Sulphide (H <sub>2</sub> 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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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  
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5. Sampling is not done by us unless otherwise specified



# MSV Analytical Laboratories

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(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 (1<sup>st</sup> & 2<sup>nd</sup> 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

MSVAL/QR/7.8/1

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## 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 : 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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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



TC- 4071

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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,  
Banzena 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 <sub>10</sub>	IS 5182 (Part-23)	µg / m <sup>3</sup>	46.25	100
2	Particulate Matter PM <sub>2.5</sub>	IS 5182 Part 24	µg / m <sup>3</sup>	14.43	60
3	Sulphur Dioxide as SO <sub>2</sub>	IS 5182 (Part-2)	µg / m <sup>3</sup>	11.65	80
4	Oxides of Nitrogen as NO <sub>x</sub>	IS-5182(Part-6)	µg / m <sup>3</sup>	18.57	80
5	Hydrogen Sulphide (H <sub>2</sub> 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,  
Banzen 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



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## 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,  
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/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: TC40712600003017F

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

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

## Annexure-I

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 : 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 <sup>2</sup> )	3.143

### RESULTS

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

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 : msvballary2018@gmail.com, labmsv@gmail.com, Website : www.msvballary.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 : 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 <sup>2</sup> )	8.2994

### RESULTS

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

BDL-Below Detectable Limit, BDL(Hydrogen Sulphide - 1 mg/Nm<sup>3</sup>)

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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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

## 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 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 <sup>2</sup> )	3.8030

### RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS 11255 (Part-1)	mg/Nm <sup>3</sup>	52.65	50
Sulphur dioxide	IS 11255 (Part-2)	mg/Nm <sup>3</sup>	325.4	600
Nitrogen dioxide	IS 11255 (Part-7)	mg/Nm <sup>3</sup>	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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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

## 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 <sup>2</sup> )	7.0717

### RESULTS

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

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

<b>INFERENCE</b>	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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# MSV Analytical Laboratories

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(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 (1<sup>st</sup> & 2<sup>nd</sup> 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



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 <sup>2</sup> )	1.4320

### RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1)	mg/Nm <sup>3</sup>	38.22	150
Sulphur dioxide	IS-11255(Part 2)	mg/Nm <sup>3</sup>	201.3	-
Nitrogen dioxide	IS-11255(Part 7)	mg/Nm <sup>3</sup>	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 : msvalbellary2018@gmail.com, labmsv@gmail.com, Website : www.msvalbellary.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 : 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: TC407126000003022F

### 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 <sup>2</sup> )	1.5400

### RESULTS

PARAMETERS	PROTOCOL	UNIT	RESULTS	KSPCB STANDARDS
Particulate Matter	IS-11255(Part 1)	mg/Nm <sup>3</sup>	43.36	150
Sulphur dioxide	IS-11255(Part 2)	mg/Nm <sup>3</sup>	210.2	-
Nitrogen dioxide	IS-11255(Part 7)	mg/Nm <sup>3</sup>	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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**ANNEXURE- III**  
**WEST COAST PAPER MILLS LIMITED, DANDELI**

**CREP GUIDELINES**

S. No	Large Pulp & Paper	Implementation schedule	Compliance status from October-2025 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-IV.
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 <sup>3</sup> /T of paper.	* Less than 140 m <sup>3</sup> /T of paper within 2 years * Less than 120 m <sup>3</sup> /T of paper within 4 years for units installed before 1992.  * Less than 100 m <sup>3</sup> /T for units installed after 1992.	The discharged quantity of treated trade effluent for the last six months on average is 39162 m <sup>3</sup> /day which works out to 44 M <sup>3</sup> /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 <sub>2</sub> 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 treated effluent is being used for sprinkling over coal and fly ash to suppress fugitive emission.
6	Colour 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.



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

## Annexure-IV

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 <sub>x</sub>	LAB SOP	Mg/l	Not Detected

Effluent flow m<sup>3</sup>/d = 39459  
Production MT = 908  
AO<sub>x</sub> Kg/Ton = Not Detected

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda

Chief executive of the laboratory

\*\*\* End of Report\*\*\*



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**ANNEXURE-V**  
**ONLINE WATER QUALITY MONITORING SYSTEM**





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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



TC- 4071

Annexure-VI

MSVAL/QR/7.8/1

## 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, KARNATAKA, INDIA
2. Sample Marked as : Borewell Water
3. Name of the location : Kerwad Village
4. Sample Collected By : Customer
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 07.03.2026
8. Date of sample receipt : 07.03.2026
9. Sample Code : W/932
10. Analysis Starting Date : 07.03.2026
11. Analysis Completion Date : 10.03.2026
12. Report Issue Date : 10.03.2026

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407126000006975F

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
1	pH @25°C	IS 3025 Part 11	-	7.24	6.5 - 8.5	No Relaxation
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21, EDTA Method	mg/L	48.6	Max 200	Max 600
3	Electrical Conductivity @ 25°C	IS 3025 Part 14	µs/cm	194.0	-	-
4	Total Dissolved Solids	IS 3025 Part 16	mg/L	120.0	Max 500	Max 2000
5	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23	mg/L	12.7	Max 200	Max 600
6	Calcium as Ca	IS 3025 Part 40, Method (a)	mg/L	6.15	Max 75	Max 200
7	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	2.48	Max 200	Max 400
8	Chloride as Cl	IS 3025 Part 32	mg/L	6.29	Max 250	Max 1000
9	Nitrate as NO <sub>3</sub>	APHA 24th Edition - 4500-NO3--(B)	mg/L	1.72	Max 45	No Relaxation
10	Potassium	IS 3025 Part 45, Method (a)	mg/L	0.80	-	-
11	Sodium	IS 3025 Part 45, Method (a)	mg/L	5.61	-	-
12	Dissolved Phosphate as P	APHA 24th Edition - 4500-P-D	mg/L	0.13	-	-
13	Free Carbon Dioxide	LAB SOP	mg/L	Nil	-	-

INFERENCE	IS 10500 - 2018 Standards
	Report Status: - The above measured parameters are within the permissible limits.

Analysed by



Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

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Sanganakallu Road, KEB Circle, Ballari - 583103 Contact No : Mob : 94498 03895, (O) : 08392-255169,  
E-mail : msvlabellary2018@gmail.com, labmsv@gmail.com, Website : www.msvlabellary.com



TC- 4071

MSVAL/QR/7.8/1

## 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, KARNATAKA, INDIA
2. Sample Marked as : Borewell Water
3. Name of the location : Kariempalli Village
4. Sample Collected By : Customer
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 07.03.2026
8. Date of sample receipt : 07.03.2026
9. Sample Code : W/933
10. Analysis Starting Date : 07.03.2026
11. Analysis Completion Date : 10.03.2026
12. Report Issue Date : 10.03.2026

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407126000006976F

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
1	pH @25°C	IS 3025 Part 11	-	7.15	6.5 - 8.5	No Relaxation
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21, EDTA Method	mg/L	59.0	Max 200	Max 600
3	Electrical Conductivity @ 25°C	IS 3025 Part 14	µs/cm	282.0	-	-
4	Total Dissolved Solids	IS 3025 Part 16	mg/L	175.0	Max 500	Max 2000
5	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23	mg/L	71.2	Max 200	Max 600
6	Calcium as Ca	IS 3025 Part 40, Method (a)	mg/L	8.57	Max 75	Max 200
7	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	3.91	Max 200	Max 400
8	Chloride as Cl	IS 3025 Part 32	mg/L	24.63	Max 250	Max 1000
9	Nitrate as NO <sub>3</sub>	APHA 24th Edition - 4500 - NO3--(B)	mg/L	0.39	Max 45	No Relaxation
10	Potassium	IS 3025 Part 45, Method (a)	mg/L	0.93	-	-
11	Sodium	IS 3025 Part 45, Method (a)	mg/L	8.10	-	-
12	Dissolved Phosphate as P	APHA 24th Edition - 4500-P-D	mg/L	0.48	-	-
13	Free Carbon Dioxide	LAB SOP	mg/L	Nil	-	-

### INFERENCE

IS 10500 - 2018 Standards,

Report Status: - The above measured parameters are within the permissible limits.

Analysed by

Authorized Signatory

B.Chinna Lingana Gouda  
Chief executive of the laboratory

\*\*\* End of Report \*\*\*



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



TC- 4071

MSVAL/QR/7.8/1

## 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, KARNATAKA, INDIA
2. Sample Marked as : Borewell Water
3. Name of the location : Vitnal Village
4. Sample Collected By : Customer
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 07.03.2026
8. Date of sample receipt : 07.03.2026
9. Sample Code : W/934
10. Analysis Starting Date : 07.03.2026
11. Analysis Completion Date : 10.03.2026
12. Report Issue Date : 10.03.2026

Discipline: Chemical

Group: Water

Sub Group: Ground Water

ULR NO: TC407126000006977F

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
1	pH @25°C	IS 3025 Part 11	-	7.20	6.5 - 8.5	No Relaxation
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21, EDTA Method	mg/L	62.7	Max 200	Max 600
3	Electrical Conductivity @ 25°C	IS 3025 Part 14	µs/cm	258.0	-	-
4	Total Dissolved Solids	IS 3025 Part 16	mg/L	160.0	Max 500	Max 2000
5	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23	mg/L	51.0	Max 200	Max 600
6	Calcium as Ca	IS 3025 Part 40, Method (a)	mg/L	7.62	Max 75	Max 200
7	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	1.90	Max 200	Max 400
8	Chloride as Cl	IS 3025 Part 32	mg/L	12.18	Max 250	Max 1000
9	Nitrate as NO <sub>3</sub>	APHA 24th Edition - 4500-NO3--(B)	mg/L	0.32	Max 45	No Relaxation
10	Potassium	IS 3025 Part 45, Method (a)	mg/L	1.19	-	-
11	Sodium	IS 3025 Part 45, Method (a)	mg/L	17.6	-	-
12	Dissolved Phosphate as P	APHA 24th Edition - 4500-P-D	mg/L	0.14	-	-
13	Free Carbon Dioxide	LAB SOP	mg/L	Nil	-	-

### INFERENCE

IS 10500 - 2018 Standards,

Report Status: - The above measured parameters are within the permissible 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 OF WATER QUALITY

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POST BOX NO.5, BANGUR NAGAR,  
DANDELI-581325, KARNATAKA, INDIA
2. Sample Marked as : Borewell Water
3. Name of the location : Moulangi Village
4. Sample Collected By : Customer
5. Sample quantity : Pet Bottle, 2 Liter.
6. Sample Description/condition : Water/Good
7. Date of Sample Collection : 07.03.2026
8. Date of sample receipt : 07.03.2026
9. Sample Code : W/935
10. Analysis Starting Date : 07.03.2026
11. Analysis Completion Date : 10.03.2026
12. Report Issue Date : 10.03.2026

Discipline: Chemical      Group: Water      Sub Group: Ground Water      ULR NO: TC407126000006978F

S.No	Parameters	Protocol	Unit	Results	IS 10500-2018	
					Acceptable limit	Permissible limit
1	pH @25°C	IS 3025 Part 11	-	7.32	6.5 - 8.5	No Relaxation
2	Total Hardness as CaCO <sub>3</sub>	IS 3025 Part 21, EDTA Method	mg/L	26.4	Max 200	Max 600
3	Electrical Conductivity @ 25°C	IS 3025 Part 14	µs/cm	56.0	-	-
4	Total Dissolved Solids	IS 3025 Part 16	mg/L	35.0	Max 500	Max 2000
5	Total Alkalinity as CaCO <sub>3</sub>	IS 3025 Part 23	mg/L	13.5	Max 200	Max 600
6	Calcium as Ca	IS 3025 Part 40, Method (a)	mg/L	7.59	Max 75	Max 200
7	Sulphate as SO <sub>4</sub>	APHA 24th Edition - 4500-SO42--(E)	mg/L	1.46	Max 200	Max 400
8	Chloride as Cl	IS 3025 Part 32	mg/L	8.97	Max 250	Max 1000
9	Nitrate as NO <sub>3</sub>	APHA 24th Edition - 4500 - NO3--(B)	mg/L	0.21	Max 45	No Relaxation
10	Potassium	IS 3025 Part 45, Method (a)	mg/L	0.19	-	-
11	Sodium	IS 3025 Part 45, Method (a)	mg/L	6.23	-	-
12	Dissolved Phosphate as P	APHA 24th Edition - 4500-P-D	mg/L	0.34	-	-
13	Free Carbon Dioxide	LAB SOP	mg/L	Nil	-	-

INFERENCE	IS 10500 - 2018 Standards,
	Report Status: - The above measured parameters are within the permissible limits.

Analysed by

\*\*\* End of Report \*\*\*



Authorized Signatory  
  
B.Chinna Lingana Gouda  
Chief executive of the laboratory

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## ANNEXURE-VII

### Garland drain collection Pits



## ANNEXURE-VIII

### Rain Water Harvesting Pits



## Annexure-IX

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 thickener 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
	<b>TOTAL</b>	



# 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 (1<sup>st</sup> & 2<sup>nd</sup> 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



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 (1<sup>st</sup> & 2<sup>nd</sup> 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: TC40712600003019F

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 (10.00pm to 6.00am)
2	SP IV and V	1088	10.30pm to 10.45pm	61.2	57.4	59.5	
II	Commercial Area	1089					
1	Shopping Center	1090	11.05pm to 11.20pm	53.4	51.2	52.4	55 (10.00pm to 6.00am)
2	Chowdary Gate	1091	11.30pm to 11.45pm	51.7	48.4	50.0	
III	Residential Area	1092					
1	Fire Station (DRT Quarters)	1093	10.10pm to 10.25pm	38.5	35.7	37.8	45 (10.00pm to 6.00am)
2	H Type Quarters	1094	10.35pm to 10.50pm	35.4	33.6	34.4	
IV	Silence Zone	1095					
1	Near Kanya Vidyalaya High school	1096	11.00pm to 11.15pm	32.0	29.2	30.9	40 (10.00pm to 6.00am)
2	Janata Vidyalaya High school	1097	11.20pm to 11.35pm	30.5	28.4	29.3	

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

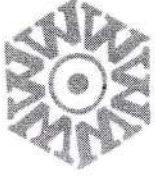
Analysed by

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



# 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-XI

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-16<sup>th</sup> 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
<b>A]</b>		
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	<a href="mailto:anujtayal@westcoastpaper.com">anujtayal@westcoastpaper.com</a>
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	<b>62,078</b>
10	Average ash content in %age	30.79%
<b>B] Ash Generation</b>		
1	Bottom ash in MT	
2	Fly ash in MT	6,583
3	Total ash generated (Bottom + Fly) in MT	12,528
		<b>19,111</b>
<b>C] Ash Utilized in MT</b>		
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)	-
	<b>Total C (1 to 13)</b>	<b>19,111</b>
<b>D]</b>	<b>Reasons for variation from the target</b>	
<b>E]</b>	<b>Remedial measures taken</b>	-
<b>F]</b>	<b>Quantity in ash pond in MT</b>	-

**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
<b>G] Ash Pond Details</b>		<b>October - 2025 to December - 2025</b>
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
<b>H] Dry ash collection facilities</b>		
1	Dry fly ash collection facility available (yes/no)	Yes, Silos
2	If yes, how many units	6 Nos. Silos.
<b>I] Dry ash storage area</b>		
1	Daily ash generation (TPD)	
2	Capacity of storage MT	207
3	Capacity of storage proposed	1055
<b>J] Capital Expenditure (Rs in lakhs)</b>		
1	Dry fly ash collection	
2	Dry fly ash storage	-
<b>K] Dispute settlement committee</b>		
1	Committee constituted (yes/no)	No
2	No. of meetings held in the current period	NA
<b>L] Provision regarding supply to the brick kilns</b>		
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	<b>IN CLOSED CONTAINERS</b>
5	Wet ash	<b>IN TRUCK DULY COVERED WITH TARPAULIN</b>
<b>M] Promotional Measures</b>		
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	-
<b>N] Administrative Measures Taken</b>		
1	Meeting with brick manufacturers	
2	Meeting with State Govt Agencies	

Signature:



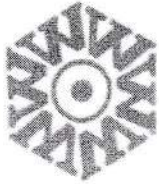
17-01-2026

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)



Annexure-XI

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-16<sup>th</sup> 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
<b>A]</b>		
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	<a href="mailto:anujtayal@westcoastpaper.com">anujtayal@westcoastpaper.com</a>
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	<b>62,590</b>
10	Average ash content in %age	34.55%
<b>B] Ash Generation</b>		
1	Bottom ash in MT	6,801
2	Fly ash in MT	14,824
3	Total ash generated (Bottom + Fly) in MT	<b>21,625</b>
<b>C] Ash Utilized in MT</b>		
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)	-
	<b>Total C (1 to 13)</b>	<b>21,625</b>
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.

Sl. No.	Particulars	Details
<b>G] Ash Pond Details</b>		<b>January - 2026 to March - 2026</b>
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
<b>H] Dry ash collection facilities</b>		
1	Dry fly ash collection facility available (yes/no)	Yes, Silos
2	If yes, how many units	6 Nos. Silos.
<b>I] Dry ash storage area</b>		
1	Daily ash generation (TPD)	
2	Capacity of storage MT	240
3	Capacity of storage proposed	1055
<b>J] Capital Expenditure (Rs in lakhs)</b>		
1	Dry fly ash collection	-
2	Dry fly ash storage	-
<b>K] Dispute settlement committee</b>		
1	Committee constituted (yes/no)	
2	No. of meetings held in the current period	No NA
<b>L] Provision regarding supply to the brick kilns</b>		
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	<b>IN CLOSED CONTAINERS</b>
5	Wet ash	<b>IN TRUCK DULY COVERED WITH TARPAULIN</b>
<b>M] Promotional Measures</b>		
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	-
<b>N] Administrative Measures Taken</b>		
1	Meeting with brick manufacturers	
2	Meeting with State Govt Agencies	

Signature:

  
07-04-2026

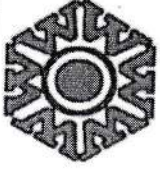
Name : Anuj Kumar Tayal  
 Designation : President (Tech)

**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	CHE TAN 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 MALLIKARJUN 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



# WEST COAST PAPER MILLS LIMITED

## INTEGRATED MANAGEMENT SYSTEMS POLICY (QEHS)



We, at WCPM Ltd., Dandeli, Karnataka are committed to maintain and continually improve Quality, Environmental, Occupational Health and Safety Management Systems to fulfill customer, environmental and occupational health and safety requirements.

For achieving these, we will:

- ❖ Manufacture and deliver quality products consistently as per our customer requirements.
- ❖ Comply with legal and other applicable requirements.
- ❖ Provide resources and technology for prevention of pollution and recycle critical resources like water, solid waste and upgrade all plants with state of the art technologies and operating practice to minimize generation of pollution at source.
- ❖ Continually improve QEHS performance by setting objectives and targets providing safe and healthy working environment.
- ❖ Promote awareness of quality, environmental, health and safety issues through sustainable leadership.
- ❖ Maintain healthy relations with customers, suppliers, employees and all interested parties.
- ❖ Focus on norms/conditions of environment, forest and wild life protection
- ❖ Train and continually improve employees, contractors for their upgradation, competence, environmental and health & safety awareness.
- ❖ Consider life cycle assessment/ end of life of products & services.
- ❖ To eliminate hazards and reduce OHS risks in consultation and participation of employees.
- ❖ Maintain sustainability requirement regarding social, economical and environmental.

**Our QEHS Policy will be made available to all our Employees, Contractors, Customers, Interested Parties and Public on request.**

**Rajendra Jain**  
EXECUTIVE DIRECTOR

DATE: 26.08.2021

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

<b>Sr. No.</b>	<b>Name of the Executive</b>	<b>Designation</b>	<b>Qualification</b>	<b>Responsibility</b>
1.	Mr. Anujkumar Tayal	President (Tech)	BE(Pulp & Paper)	Mills Technical Head. Overall responsible for Environmental Compliance.
2.	Mr. Ramesh. N	Sr. Manager	MSc	Day to day ETP operation and Liasoning 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	Chemist	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-XIV

Electronic Display Board at Factory gate

