### SESHASAYEE PAPER AND BOARDS LIMITED

## Environment Clearance F.No. J-11011/194/2013-IA II (I) dated 22 01 2016

COMPLIANCE REPORT FOR THE PERIOD April 2024- September 2024

A	Specific Condition		
SI.N	o EC Condition	Compliance Status	
1	The project proponent should instal 24x7 air and water monitoring devices to monitor air emission and effluent discharge, as provided by CPCB and submit report to Ministry and its Regional Office.	All the boiler stacks (fitted with individual ESP's) and treated effluent discharge connected online (24x7) with Care Air Centre of TNPCB,	
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2	The project authority should install multi cyclones, wet scrubbers with the boilers to achieve the particulate emission below 50 mg/Nm³, The emissions from chemical recovery section should be controlled through primary and secondary venturi scrubbers.	stacks and is connected to TNPCB/CPCB through a Real-time data monitoring system. The emission values are within the stipulated standards prescribed.	
3	In case of treatment process	e Reing a continuous	
	disturbances / failure of pollution control equipment adopted by the unit, the respective unit should be shut down and should not be restarted until the control measures are rectified to achieve the desired efficiency.		

SI.No	EC Condition	Compliance Status
4	The industry should ensure the	<ul> <li>Various in plant water conservation measures were implemented at the</li> </ul>
	compliance of the standards for	source for collection, treatment and
	discharge of the treated effluent	
	from the unit as stipulated under	recycle replacing fresh water and
	the EPA rules or SPCB. Adequate	the process water consumption was reduced substantially.
	steps including use of modern	
	RO/UF based technologies should	
	be used to increase recycling and	wastewater is recycled in the process underwater conservation -
	reduce water consumption.	report enclosed
		(Annexure- 2).
**		Recycled wastewater details:
		Months Percentage of
		WW recycled
•		Apr 21 - Sep 21 38.91%
	·	Oct 21 - Mar 22 36.82%
		🚦 🖟 + + + + + + + + + + + + + + + + + +
		Apr 22 -Sep 22 38.57% Oct 22 - Mar 23 38.09%
		\$ \$441444444444444444444444444444444444
		Apr 23 - Sep 23 36.75% Oct 23 - Mar 24 38.04%
		Apr 24 – Sep 24 40.51%
		The effluent after final treatment in
		the effluent treatment plant meets the standards prescribed by the
		SPCB (Inland surface water
		discharge standards). This is
		monitored by TNAU / SPCB / CPCB
		(Online)
•		(Annexure – 3).
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5	Regular monitoring of ground water	<ul> <li>Monitoring the ground water</li> </ul>
	quality should be carried out in and	quality of existing wells and
	around the project site by	piezometers in and around the
	establishing a network of existing	site through TNAU / TNPCB / in-
	wells and installing new piezometers	house for all four seasons of the
	during the operation. The periodic	year and data collected are
	monitoring [(at least four times in a	submitted to the to MoEF&CC
	year- pre-monsoon (April-May),	and Regional Office
	monsoon (August), post-monsoon	
	(November) and winter (January);	<ul> <li>The ground water quality of</li> </ul>
·	once in each season)] should be	existing wells and piezometers
	carried out in consultation with the	water quality report are
	State Ground Water Board/Central	submitted to MoEF&CC,
,	Ground Water Authority and the data	Regional Office, Chennai.
	thus collected may be sent regularly	<ul> <li>Biannual Report enclosed as</li> </ul>
	to the Ministry of Environment,	Annexure – 4)
	Forest and Climate Change and its Regional Office, the Central Ground	
	Water Authority and the Regional	Status - Complied.
	Director, Central Ground Water	CO AND DO
	Board. If at any stage, it is observed	(3) (a) 1
	minimental and the many of the propertion of the control of the co	Hamilion of the first of the commence of the c

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	that the groundwater quality is affected due to the project activity, necessary corrective measures should be carried out.	
6	The company should submit the comprehensive water management plan along with monitoring plan for the ground water quality and the level, within three months from date of issue of this letter.	comprehensive water management plan along with monitoring of groundwater quality and the details of the reports are submitted in the half-yearly compliance report regularly.
		(Annexure - 5ြ).
		<ul> <li>The groundwater quality is checked once a quarter and reported biannually to MoEF&amp;CC, RO, Chennai.</li> </ul>
		(Annexure – 📹 ) 🎉
*		Status-Complied.
7	The project authority should dispose of hazardous waste as per the provision of Hazardous Wastes (Management, Handling and Transboundary Movement) Rules, 2008.	<ul> <li>We have obtained Hazardous Wastes Authorization from TNPCB (No. 22HFC36355066 dated 7/7/2022) with a validity of five years from the date of issue and the Hazardous wastes are disposed as per authorization only.</li> </ul>
경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경 경		(Copy is at Annexure – 6)
.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Status: Complied
8	The company should develop green belt in 33% of the total land as per the CPCB guidelines to mitigate the effect of fugitive emissions.	33% of the total land area -In the factory premises planted with native trees like Teak, Neem Pongamia, Banian Feltoform, etc to mitigate fugitive emissions. In addition, more trees were planted in the vacant areas available at the site.
300		(Geotagged green belt development photographs enclosed as Annexure – 7)
		Status: Complied.
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SI.No	EC Condition	Compliance Status
9	Pre-placement medical examination and periodical medical examination of the workers engaged in the project should be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly. Occupational health surveillance of the workers should be done on a regular basis and records maintained as per the Factories Act.	<ul> <li>The project is already completed.</li> <li>Industry is carrying out health surveillance programme and annual medical check-up for their employees.</li> <li>Industry has established full-fledged Occupational Health Centre (OHC) with full time Medical Officer and round the clock nursing staff.</li> <li>Records are maintained as per the Factories Act.</li> </ul>
10	The company should make the arrangement for protection of possible fire hazards during manufacturing process in material handling.	place to mitigate the fire hazards during manufacturing in material
11	All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the pulp and paper sector should be strictly implemented.	į į
12	All the commitments made to the public during the Public Hearing / Public Consultation meeting should be satisfactorily implemented and a separate budget for implementing the same should be allocated and information submitted to the Ministry's Regional Office.	<ul> <li>Public hearing was conducted by TNPCB on 22<sup>nd</sup> January, 2015 at Lakshmi Thirumanamandapam, No.4, Kumarapalayam, Main Road, Pallipalayam, Namakkal District. The major issue raised inter-alia include impact of air pollution in Ayakattur, Odapalli and Pudhupalayam, odour nuisance caused by the industry, scarcity of drinking water supply to the villages, etc.,</li> </ul>
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	<ul> <li>Distribution of Drinking Water:</li> <li>We have provided treated drinking water through a Network of 400</li> </ul>

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- Drinking Water Taps under the Rural Drinking Water Scheme, launched by the Company in the neighbouring villages.
- Also, in addition to the drinking water distribution through 400 water taps the company has supplied 2.5lakh litres of treated drinking water through 5 overhead tanks constructed by TWAD board and maintained by local panchayats, for distribution to public.

#### Odour:

- We have installed the Blow Heat Recovery system in the Digestion Plant. Under the recently implemented Mill Development Plan-I (MDP-I), Rapid Displacement Heating (RDH) system of cooking has been installed in place of conventional stationary digester and blow tank system. With this digestion technology and with low consistency pump- out system, the discharge of NCG, is minimum.
- Also, installed a new Multiple Effect, Energy Efficient, Free Flow Falling Film Evaporation System in Chemical Recovery Boiler.
- We have additionally installed a Wet Scrubbing System with sodium hydroxide solution and recycle the same back into chemical recovery cycle to contain the odour which is below the specified standards.

#### **Dust Emission:**

- We have installed ESP's in all the stacks of Boiler, Chemical recovery and lime kiln to control Stack Emissions and connected online to TNPCB/CPCB
- To contain the fugitive emissions the fuel is unloaded and stored in the closed storage sheds. Water Sprinklers are provided in strategic places to mitigate fugitive dust emission during transport in addition to trailer mounted water sprinkling system. The fuel and the fly ash are transported through closed systems.

#### Treated Effluent Distribution to Irrigation

 The company has treated its waste water to the inland surface water discharge standards and discharge it to

the lift irrigation societies to use as irrigation water in around 2140 acres. This unique and innovative irrigation scheme using our treated waste water is being continuously monitored for soil and ground water by Department of Environmental Sciences, Tamil Nadu Agricultural University, Coimbatore (TNAU). This pioneering irrigation model of using treated waste water for irrigation is being emulated by other industrial units in the country. The results by TNAU show that there is no adverse effect on soil as well as in ground water. effluent Both treated and stack emissions are being monitored online by Care Air Centre TNPCB / CPCB (24x7). the advanced environmental Laboratory is monitoring the quality of Air in the factory and the values reported are within the standards limits - details enclosed as Annexure -10 13 Provision should be made for the Complied and the project has been housing of construction labour completed. with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, Safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project. 14 At least 5% of the total cost of Being Complied with, the project shall be earmarked details of funds spent for towards Enterprise Social Enterprise Social Commitment (ESC) Commitment (ESC) based on for the last 5 years. locals' needs and the activity-FY 2018 -19 - Rs 2.58 Crores wise details and village-wise details along with time-schedule FY 2019 - 20 - Rs 4.24 Crores for implementation shall be FY 2020 - 21 - Rs 4.77 Crores prepared in consultation with village panchayats and district FY 2021 - 22 - Rs 4.21 Crores administration and submitted to FY 2022 - 23 - Rs 3,41 Crores the Ministry's Regional Office. Implementation Of such FY 2023 - 24 - Rs 4.21 Crores programme shall be ensured The CSR policy has been posted on the

accordingly in a time-bound

	manner.	website of the Company - www.spbltd.com (Annexure - 11) Status- Complied
B 1	General Conditions:  The project authorities must strictly adhere to the stipulations made by the Tamilnadu Pollution Control Board and the State Government.  No further expansion or	Govt. of Tamilnadu are adhered. The current CTO is valid upto 31.03.2027 ( Air Act – Consent Order No.2208242224684 dated 10.08.2022 Water Act – Consent Order No.2208142224684 dated 10.08.2022.  Status-Complied
	modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).	No further expansion or modifications in the plant were carried out without prior
3	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM <sub>10</sub> , PM <sub>2.5</sub> , SO <sub>2</sub> and NO <sub>X</sub> are anticipated in consultation with the SPCB.  Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Chennai and the SPCB / CPCB once in six months.	established four ambient air quality
4	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E)	The Wastewater is treated to the Inland Surface Water Discharge Standards after extensive recycling within the plant and further used for

	to the transfer of the transfe	
***	dated 19th May, 1993 and 3	1 <sup>st</sup> irrigation. (Annexure -13)
	December, 1993 or as amende	Status- Complied
	from time to time. The treate	<b>'</b>
	wastewater shall be utilized for	or [
	plantation purpose.	
5	The overall noise-levels in an	
	around the plant area shall b	e TNPCB Advanced Environmental
į	kept well within the standard	s Laboratory, Salem is conducting
	(85 dBA) by providing nois	e overall noise levels survey twice in a
	control measures includin	g year and their analysis report confirm
	acoustic hoods, silencers	The state of superiors statistical in
	enclosures etc. on all sources of	
	noise generation. The ambien noise levels should conform to	Location Sound Level –
	the standards prescribed unde	
	EPA Rules, 1989 viz. 75 dB/	75dBA (daytime)
*	(daytime) and 70 dBA	At the main gate (Admin) 55.4
	(nighttime).	100 Office Office 04.8
-		Diesel Bunk area 54.6   Odapalli Village area 54.8
		SPB Gust House premises 54.6
		Intake well premises 54.5
		Bagasse Zone area 54.9
; ; ;		Vinayagar Temple 55.6 premises
		Inside the Plant 85 dBA
		New Recovery Boiler Area 50.2
· · · · · · · · · · · · · · · · · · ·		(Odapalli gate)
		CPP – coal yard 54.8
		Extracted from Analysis Report of Advanced
		Environmental Lab, TNPCB, Salem for the period
		April 2024 - September 2024 Annexure -12
		Status - Complied.
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6	Occupational health surveillance	Being followed.
***************************************	of the workers shall be done on	į
	a regular basis and records	<ul> <li>Company is carrying out health surveillance programme and annual</li> </ul>
	maintained as per the Factories	medical check-up for their employees.
	Act.	<ul> <li>Industry has established full-fledged</li> </ul>
		OHC with full time Medical Officer and
		round the clock nursing staff.
		Company has obtained accreditation
- 15 5 6 4 4 4 4 5 -		under OHSMS 45001 (Occupational
		Health & Safety Management
· · · · · · · · · · · · · · · · · · ·	T T T T T T T T T T T T T T T T T T T	Systems), by M/s Det Norske Veritas,
***************************************		The Netherlands.
i		(Details is at Annexure -14)
-		Status - Complied.
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SI.No	General EC Conditions:	Compliance Status
7	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	<ul> <li>RWH Structures are constructed inside the mill for recharge and for reuse. In</li> </ul>
8	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	<ul> <li>The following activities regarding Socio-economic development:</li> <li>1. Supply of protected potable drinking water to all the villages and neighbouring community through network of pipelines 400 numbers of drinking water taps were installed in strategic places.</li> <li>2. Supply of treated wastewater after meeting inland surface water discharge standards for irrigation.</li> <li>3. Desilting of community check dams for collection of rain water during monsoon for the recharge of ground water.</li> <li>4. Education facility for the rural community in three schools run by the Company.</li> <li>5. Donated land for the Government school Running of Community Health Centres for the benefit of the downtrodden.</li> <li>6. Regular sports activities like Cricket, Tennis, Volleyball, Kabaddi, Shuttle etc are carried out to improve the skills of the rural folk.</li> <li>7. Contribution to supply of drinking water to nearby villages as a cost of Rs;63.11 lakh ('April 24 – Sep 24)</li> <li>8. Contribution to disaster management, including COVID relief fund, rehabilitation and reconstruction activity.</li> </ul>
***************************************	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest and Climate Change (MoEFCC) as well as the State Government. An implementation schedule for implementing all the conditions	Details of the allocation made for Environmental Management Plants are given in the table below:  Recovery Boiler, Evaporator and Other 33.12 Accessories Online Monitoring 0.58 PCC Plant 5.00 Green Cover Development 1.00

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ż			DE ETP Augmentation 0.26
٠		submitted to the Regional Office	🖰 🔡 l Otal in crores 📒 🤏 se 📒
	į	of the Ministry at Chennai, Th	16
		funds so provided shall not b	The funds provided are not diverted to any other purpose.
	************************************	diverted for any other purpose.	arry other purpose.
	10	A converse description	
	10	A copy of clearance letter sha be sent by the proponent t	
		concerned Panchayat, Zil	i minimum in the second of the
		Parishad / Municipa	: 1000 011 05/02/2010
		Corporation, Urban Local Bod	
		and the local NGO, if any, from	n • Environmental Clearance letter has
		whom	been placed on the company's
		suggestions/representations, i	f website- Complied. (Annexure-17).
		any, were received while	e
		processing the proposal. The	Status - Complied
		clearance letter shall also be pu	t
		on the web site of the company	/
	*************	by the proponent.	
	4 4		
	11	The project proponent shall	<ul> <li>Industry has uploaded the status of</li> </ul>
	:	upload the status of compliance	
		of the stipulated environment clearance conditions, including	
		results of monitored data on	
		their website and shall update	
***		the same periodically. It shall	
		simultaneously be sent to the	monitoring system Connected to
***************************************		Regional Office of the MOEFCC	TNPCB Care Air Centre and CPCR
į	•	at Chennai, the respective Zonal	
	# # # # # # # # # # # # # # # # # # #	Office of CPCB and the SPCB.	Online Display Board is installed in the main gate for the public domain.
	1	The criteria pollutant levels	
	1	namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>X</sub>	Geo tagged Photos enclosed as
		(ambient levels as well as stack emissions) or critical sectoral	Annexure -18
		parameters, indicated for the projects shall be monitored and	Status- Complied.
		displayed at a convenient	
		location near the main gate of	
		the company in the public	
		domain.	
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		The project proponent shall also	Being submitted regularly.
	•	submit six monthly	
		reports on the status of the	EC Six monthly compliance report for the
		compliance of the stipulated	last 3 years were submitted as detailed
		environmental conditions ncluding results of monitored	below;
	,	data (both in hard copies as well	Year Submitted on
		as by e-mail) to the Regional	Oct 20 - Mar 21 12 04 2021
		Office of MOEFCC, the respective	Apr 21 - Sep 21 13 10 2021
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	Zonal Office of CPCB and th SPCB. The Regional Office of thi Ministry at Chennai / CPCB SPCB shall monitor the stipulated conditions.	s Apr 22 - Sep 22 31 10 2022 / Oct 22 - Mar 23 25 05 2023
13	The environmental statement for each financial year ending 31st March in Form- V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Chennai by e-mail.	Environmental Statement (Form - V) for the last six years were submitted as detailed below:  Year   Submitted on   2018-19   26 09 2019   2019-20   26 09 2020   2020-21   25 09 2021   2021-22   19 09 2022   2022-23   25 09 2023   2023-24   11 09 2024
***************************************	The Project Proponent shall inform the public that the project has been accorded Environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment, Forests and Climate Change (MoEFCC) at http://envfor.nic.in. This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspapers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional office at Chennai.	local newspapers namely, The New Indian Express (English) dated 05/02/2016 and Maalai Malar (Tamil) dated 05/02/2026
-	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the	Date of formal financial closure of MDP- III is 24/12/2021

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project by the concerned authorities and the date of commencing the land development work.	
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# Environment Clearance F.No. J-11011/194/2013-IA II (I) dated 18.11.2019

SI.No	EG Conditio	n same	Com	pliance Status
15 A	chemical utilization consumption while	increase in and water maintaining	*	chemical utilization and
	the production of approved.	paper as	Status - Complie	ed.
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	approved.		Specific water of as detailed below	onsumption last two FY v;
***************************************			Financial Year	Water Con., use -m3/ton of products
***************************************		¥441	2022 -2023	44.58
			2023-2024	42.20
***************************************	***************************************	(\$741549744E40947041E240925437744		