



केन्द्रीय प्रदूषण नियंत्रण बोर्ड  
CENTRAL POLLUTION CONTROL BOARD  
पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, भारत सरकार.  
MINISTRY OF ENVIRONMENT, FOREST & CLIMATE CHANGE, GOVT. OF INDIA.

Email/ Speed Post

File No.: PJ-14011(12)/16/2024-WQM-II-HO-CPCB-HO/7758-7762 Date: 17.12.2024

To,

M/s Sagar Paper Mill Pvt. Ltd.,  
Khasra No. 223, 225, 5th km,  
Manglore-Jhabrera road,  
Village: Latherdeva Hunn,  
Tehsil-Roorkee, Distt. Haridwar,  
Uttarakhand-247665

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986**

**WHEREAS**, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries under the Environment (Protection) Act, 1986 and the rules framed there under; and

**WHEREAS**, the Ministry of Environment & Forests. Govt. of India, vide notification S.O.157(E) of 27.02.1996 has delegated powers vested under Section 5 of the Environment (Protection) Act. 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

**WHEREAS**, it is obligatory on the part of industries to install Effluent Treatment Plants (ETPs) and Air Pollution Control Devices (ACDs) to comply with the effluent and emission standards notified under the Environment (Protection) Act, 1986 and the Rules framed there under and also to comply with the conditions mentioned in Consent to Operate granted by State Pollution Control Board (SPCBs)/ Pollution Control Committees (PCCs); and

**WHEREAS**, M/s Sagar Paper Mill Pvt. Ltd., Khasra No. 223, 225, 5th km, Manglore-Jhabrera road, Village: Latherdeva Hunn, Tehsil-Roorkee, Distt. Haridwar, Uttarakhand-247665 (hereinafter referred to as "the Unit") was randomly selected for inspection based on the SMS alerts generated through the OCEMS installed at outlet of the ETP within the Unit premises; and

**WHEREAS**, the Unit was inspected by officials from CPCB, Regional Directorate Lucknow on 24.09.2024 under 'Environmental Surveillance of 17 categories of high pollution potential industries and common facilities, based on OCEMS data'. The inspection report was examined and following observations were made:

**‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली - 110032.**

**Parivesh Bhawan, East Arjun Nagar, Delhi - 110 032.**

दूरभाष /Tel : 43102030, 22305792, वेबसाइट /Website: www.cpcb.nic.in

1. The Unit is engaged in production of kraft paper using Indian wastepaper as raw material with consented capacity of 3300 tons per month and during inspection the Unit found operational at production capacity of 124 TPD.
2. The Unit possess valid Consolidated Consent to Operate under the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, which is valid upto 31.03.2028, for production of Kraft Paper @ 3300 MT/Month using waste paper as raw material @ 4125 MT/Month and for recycling the treated effluent at maximum extent (at least 40 %) in the process and remaining treated effluent after achieving norms as per CTO shall be disposed of into the drain Shila nala.
3. The Unit possess Authorization under the Hazardous and Other Waste (Management and Transboundary Movement) Rule, 2016 having validity upto 31.03.2028, for management and handling of used oil.
4. The Unit is meeting its freshwater requirement through two bore wells (one in use & one kept as stand by). Electromagnetic flow meter installed on the bore wells and records were maintained. The Unit does not have valid No Objection Certificate (NOC) for ground water abstraction from Central Ground Water Authority (CGWA). The Unit has applied for renewal of NOC on 14.03.2023 for ground water abstraction @ 900 KLD.
5. The specific freshwater consumption during August-2024 was 4.27 KL/MT of paper production which indicates compliance with consent conditions.
6. The Unit has installed Effluent Treatment Plant (ETP) with capacity of 1100 KLD, which comprises of Collection tank, Equalization tank, Sedi Cell, Hill Screen, Primary Clarifier, Aeration Tank, Secondary Clarifier and Sand filter. During visit ETP was found operational, but Sedi cell found non-operational, collection tank found without any mixing equipment and launder of primary clarifier was not levelled.
7. Treated effluent from ETP is partially recycled back in the process and remaining is discharged in Shila drain which meets River Kali. Analysis result of collected samples is as below:

Sampling location	Parameters						
	pH	Colour	TSS (mg/l)	TDS (mg/l)	BOD (mg/l)	COD (mg/l)	SAR (mg/l)
ETP inlet	5.34	-	4890	10234	5380	10945	-
Equalization tank	5.53	-	3661	10271	5260	10246	-
Aeration tank	MLSS-418 mg/l & MLVSS-199 mg/l						
ETP outlet	7.04	50	44	1127	39.3	114	2.02
OCEMS value	7.76	-	21.4	-	7	72.4	-
<b>Standards as per valid CTO</b>	<b>6.5-8.5</b>	<b>&lt;150</b>	<b>&lt;100</b>	<b>&lt;2100</b>	<b>&lt;30</b>	<b>&lt;250</b>	<b>&lt;8</b>
<b>% reduction at ETP outlet w.r.t ETP inlet</b>			<b>99.10</b>	<b>88.98</b>	<b>99.27</b>	<b>98.96</b>	<b>-</b>

- a. The Unit is non-complying w.r.t. consented discharge norm for BOD.
- b. Concentration of MLSS (418 mg/l) and MLVSS (199 mg/l) in aeration tank is less than the desired value of 2500 mg/L and despite of such lower concentration of MLSS/MLVSS, BOD & COD removal of 99.27 % & 98.96 % respectively is doubtful and possibility of dilution at different stages in ETP cannot be ruled out.
- c. The Unit has installed Online Continuous Effluent Monitoring System (OCEMS) at ETP outlet for pH, TSS, BOD & COD parameters.

- d. Values shown on OCEMS installed at outlet of ETP is found less than the sample analyzed value and significant variation of 82.18 % in BOD, 36.49 % in COD and 51.36 % in COD was observed, which indicates, the OCEMS is not calibrated and operated properly.
8. The Unit has installed electromagnetic flowmeter at ETP outlet and logbook for the same is maintained.
  9. The ETP sludge is sold out to vendor for making of sun dry board, however the Unit does not have documentary evidence (valid hazardous waste authorization) of the vendor to whom the Unit is selling it's ETP primary sludge for making of sun dry boards, which is not in line with the "Standard Operating Procedure and Checklist of Minimal Requisite Facilities for utilization of hazardous waste under Rule 9 of the Hazardous and Other Wastes (Management and Transboundary movement) Rules, 2016".
  10. The Unit has installed a boiler of capacity 12 TPH for steam generation using agro based fuel (i.e., wood chips, bagasse, rice husk etc. @ 30 TPD). Boiler was found operational during visit. The Unit has installed multi cyclone as Air Pollution Control Device (APCD).
  11. The Unit has not provided proper stack monitoring facility at boiler stack as per CPCB guidelines. The ladder attached to monitoring platform was found broken. Boiler ash is used for filling of low-lying areas. The handling of boiler ash was found poor.
  12. The stack height of the D.G. set of 125 KVA capacity was not adequate. The used oil is sent to M/s. K. Nandini Refineries Pilibhit.
  13. The Unit has provided a display board at entry gate of the Unit displaying details about hazardous waste generated, quantity & nature of hazardous chemicals being used, water & air emissions and solid waste generated in the plant.

It is evident from the above observations, that the Unit is not complying the consented discharge norm for BOD, not provided the ladder & monitoring platform at stack as per CPCB guidelines, not provided adequate stack height at D.G. set, not having valid NOC for ground water abstraction from CGWA and not having documentary evidence (valid hazardous waste authorization) of the vendor to whom the Unit is selling it's ETP primary sludge for making of sun dry boards.

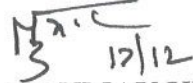
**AND NOW, THEREFORE,** in view of above observations and in exercise of the powers delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, following directions are hereby issued to **M/s Sagar Paper Mill Pvt. Ltd., Khasra No. 223, 225, 5th km, Manglore-Jhabrera road, Village: Latherdeva Hunn, Tehsil-Roorkee, Distt. Haridwar, Uttarakhand-247665:**

1. The Unit shall obtain NOC from CGWA for ground water withdrawal.
2. The Unit shall maintain adequate level of MLSS & MLVSS in aeration tank and shall operate ETP properly to meet the stipulated discharge norms.
3. The Unit shall operate & maintain OCEMS properly and calibration of OCEMS shall be carried out as per SOP.
4. The Unit shall ensure installation of proper stack monitoring facility i.e., ladder & monitoring platform on boiler stack as per CPCB guidelines.
5. The Unit shall provide adequate stack height of D.G. set.



6. The Unit must ensure management of process sludge & primary sludge of ETP in accordance with provisions of Hazardous and Other Waste (Management and Transboundary Movement) Rule, 2016 and guidelines/SoP issued therein.

**M/s Sagar Paper Mill Pvt. Ltd., Khasra No. 223, 225, 5th km, Manglore-Jhabrera road, Village: Latherdeva Hunn, Tehsil-Roorkee, Distt. Haridwar, Uttarakhand-247665** shall ensure compliance of the directions mentioned above at Sr. No. 1 to 6 and submit duly notarized point wise compliance report along with measures taken within 30 days from the date of issue of the directions. In case of failure, the Board will be constrained to initiate action in accordance with the provisions of the Environment (Protection) Act, 1986.

  
(TANMAY KUMAR)  
CHAIRMAN

**Copy to:**

1. **Additional Secretary (CP Division)** : For kind information, please  
Ministry of Environment, Forest & CC  
Prithvi Block, Indira Paryavaran Bhawan,  
Jorbagh Road, New Delhi-110003
2. **Member Secretary** : With request to ensure compliance of  
Uttarakhand Pollution Control Board the direction  
Gaura Devi Bhawan 46 B IT Park,  
Sahastradhara Rd,  
Dehradun, Uttarakhand 248001
3. **District Magistrate** : For kind information, please  
Collectorate Roshnabad, Haridwar,  
Uttarakhand-249403
4. **Regional Director** : For kind information and follow up  
Regional Directorate North  
Central Pollution Control Board  
PICUP Bhawan, Ground Floor,  
Vibhuti Khand, Gomti Nagar,  
Lucknow -226010
5. **The Divisional Head** : For uploading on CPCB website  
IT Div., CPCB

  
(BHARAT KUMAR SHARMA)  
MEMBER SECRETARY