



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

By Speed Post

F. No. B-190193/WQM-II/CPCB/P&P/2019-20

May 15, 2019

To

M/s Mateshwari Paper Mills Pvt. Ltd.,
Mahuli, Karmalichak
Didarganj, Patna City
Patna-800009

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, Forest and Climate Change, 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 other standards and norms; and

WHEREAS, M/s Mateshwari Paper Mills Pvt. Ltd., Patna City, Patna, Bihar- 800009 (hereinafter referred as 'the Unit') is engaged in manufacturing of Coated Duplex Kraft Paper at an installed capacity of 100 MT/day; and

WHEREAS, CPCB issued Show cause notice dated May 03, 2018 under section 5 of Environment (Protection) Act, 1986 regarding installation of online effluent monitoring system with following instructions:

1. The Unit shall submit documentary evidence regarding status of installation of online effluent monitoring system.
2. The unit shall submit the status on connectivity for submission of online 24x7 monitoring data to SPCB/ PCC and CPCB.

AND WHEREAS, the Unit vide letter dated 24.05.2018 informed that as per the guidelines OCEMS has been installed before start of production on 16.03.2018; and

WHEREAS, CPCB vide letter dated 27.08.2018 asked the unit to provide water audit and mass balance report prepared by any reputed government organization as the unit was claiming ZLD; and

WHEREAS, the Unit vide letter dated 11.10.2018 provided water audit and mass balance report prepared by IIT, Patna which was examined and following observations are made:

1. Paper Mills recycles tertiary treated water in the washing and thickening as well as the paper machine steps.
2. Paper mill utilizes the entire volume wastewater generated in the paper making processes.
3. Primary clarified sludge from the ETP is recycled in the pulping of waste paper in the paper making.

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4. Water consumption of the unit is 4.8m³/tonne of paper produced which is higher than the expected water consumption in a ZLD unit.

AND WHEREAS, CPCB vide letter dated 10.12.2018 asked to IIT Patna for clarification regarding the huge amount of fresh water consumption in the ZLD unit; and

WHEREAS, a reply mail from IIT Patna dated 14.12.2018 was received with following clarifications:

1. Higher water consumption and water loss in any pulp and paper mill is generally due to the outdated technique with the age of equipment employed being higher. Higher water consumption and water loss in the paper mill can be attributed to the inefficient paper machine. The paper mill should focus on the paper machine step to minimize water consumption and water losses as has been suggested during the visit.
2. In order to improvise further, the paper mill can think of employing state-of-the-art production technique with time to minimize fresh water requirement and water losses.

WHEREAS, the Unit was inspected by the officials of CPCB on 11.03.2019 and made the following observations are made:

1. The unit was operational and was engaged in manufacturing of coated duplex craft paper at capacity of 100MTD.
2. The ETP was found operational.
3. The unit was found non-complying with the prescribed effluent discharge norms BOD- **127.26 mg/l** (as against 30 mg/l); COD- **338.64 mg/l** (as against 250 mg/l); TSS- **51 mg/l** (as against 50 mg/l).
4. Flow meter was not found at inlet, whereas the purchase order copy was submitted.
5. **A provision for bypass arrangement was observed, however no discharge was observed during inspection.**
6. DAF and mechanised sludge dewatering system are not installed.
7. OCEMS was connected with CPCB/SPCB server with web camera, pH sensor was not working during inspection.
8. No flow meters were installed at different water intake points like pulping mill, paper machine, boiler and other domestic uses to estimate accurate water usages and balance as the unit is claiming ZLD.
9. Environment display board was not found.
10. Logbooks for solid waste generation and its management are not maintained.
11. Only one borewell was found in the unit premises to meet the fresh water demand. The fresh water consumption of the unit is 3210 m³ for the month of February, 2019.
12. CGWA permission is yet to be obtained. Housekeeping was not satisfactory.

It is evident from the above observations that the Unit, **M/s Mateshwari Paper Mills Pvt. Ltd.**, Patna City, Patna, Bihar- 800009 is **discharging partially/untreated effluent posing potential threat to the surrounding environment and has provision for bypass against the consent for Zero liquid discharge;**

AND NOW, THEREFORE, in view of the above observations and in exercise of the powers, delegated to the Chairman, CPCB under section 5 of the Environment (Protection) Act, 1986, the unit is directed to close down all the manufacturing operations with immediate effect till following actions are taken:

1. The unit shall dismantle bypass/drain line arrangement.

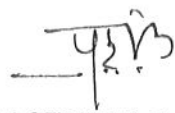
2. The unit shall submit self certificate for closure in prescribed format to CPCB regarding closure of manufacturing operations in compliance of directions immediately.
3. The unit shall augment & up-grade ETP system so as to meet the effluent discharge standards and shall submit the details of measures taken for augmentation/ upgradation of the ETP system.
4. The Unit shall install Web camera focusing ETP Outlet & flow meter at recycling point to monitor the quantity of recycled water in case of ZLD.
5. The unit shall seek permission from CPCB before resumption of any manufacturing operations.

In case of default in compliance with the above directions, CPCB will be constrained to initiate appropriate actions against the unit, without giving any further notice, in accordance with provisions of Environment (Protection) Act, 1986.


(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to:

1. **Member Secretary** : With request to ensure compliance of CPCB direction
Bihar State Pollution Control Board
BELTRON Bhawan, Shastri Nagar,
Patna, Bihar 800023
2. **Joint Secretary (CP Division)** : For kind information
Ministry of Environment, Forests &
Climate Change, Indra Paryavaran Bhavan,
Jor Bagh Road, New Delhi - 110 003
3. **Regional Director** : For kind information
Central Pollution Control Board,
Southernd Conclave, Block 502,
5- 6 th Floors, 1582, Rajdanga Main Road
Kolkata - 700 107 (W. B.)
4. **District Magistrate,** : For information and compliance of the
Patna City, Patna, Bihar Direction
5. **Executive Engineer (Electrical)** : With a request to disconnect electric power
Vidyut Bhawan, Baily Road supply of the Mill.
Patna City, Patna, Bihar
6. Incharge, IT Division, CPCB : For uploading on CPCBs website
7. Master copy WQM-II, CPCB


(PRASHANT GARGAVA)
MEMBER SECRETARY