

SPEED POST

File No. B-190200/WQM-II/CPCB/STP/2016-17

18359-363

Date: 12/03/2018

To,

The Chairman
(5 Ganga main stem state PCBs,
Uttarakhand, Uttar Pradesh, Bihar, Jharkhand & West Bengal)

DIRECTIONS UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 REGARDING REUSE OF TREATED SEWAGE BY INDUSTRIES.

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 other standards and norms; and

Whereas, the Distillery, Chemical (inorganic & Organic), Pulp & Paper, Tannery, Sugar, Textile, Dyeing & Bleaching, Food, Dairy & Beverage, Diesel Locomotive, Manufacturing & repairing aircrafts, Printing, Iron, ordinance, Cut tobacco, Electroplating, Dry Cell battery, Heavy motor, Paint & Coal fines & gas industries industries have been identified as one of the Grossly Polluting Industries (GPI) which have been discharging effluents directly or indirectly on land and into water, having potential threat to cause adverse effect on land and the ambient water quality; and

Whereas, the Central Government has notified standards for discharge of environmental pollutants from industries and common effluent treatment plants (CETPs), under the Environmental (Protection) Act, 1986 and rules framed there under, and

Whereas, the Central Government has notified the general discharge standards of environmental pollutants from various sources including municipal wastewater under the Environment (Protection) Act, 1986 and the rules framed there under; and

Whereas, the Central Government has notified the effluent discharge standards of environmental pollutants for disposal of treated sewage under the Environment (Protection) Act, 1986 and the rules framed there under; and

Whereas, National Mission for Clean Ganga (NMCG) has identified 118 class-I, II, III, IV & V cities/towns called Ganga front towns near the banks of Ganga and sewage treatment facility

has been developed in some towns for treatment of partial sewage and treated sewage from these STPs located in your state is being discharged in river Ganga & its tributaries through drains; and

Whereas, the majority of municipal authorities have not sought consent under Sec 26 of Water (Prevention and Control of Pollution) Act, 1974 which is a statutory requirement; and

Whereas, the State Pollution Control Board under Section 17 of the Water Act has been mandated with the following functions which inter-alia including;

(a) to plan a comprehensive programme for the prevention, control or abatement of pollution of streams and wells in the State and to secure the execution thereof;

(f) to inspect sewage or trade effluents, works and plants for the treatment of sewage and trade effluents and to review plans, specifications or other data relating to plants set up for the treatment of water, works for the purification thereof and the system for the disposal of sewage or trade effluents or in connection with the grant of any consent as required by this Act;

(g) lay down, modify or annul effluent standards for the sewage and trade effluents and for the quality of receiving waters (not being water in an inter-State stream) resulting from the discharge of effluents and to classify waters of the State;

(h) to evolve economical and reliable methods of treatment of sewage and trade effluents, having regard to the peculiar conditions of soils, climate and water resources of different regions and more especially the prevailing flow characteristics of water in streams and wells which render it impossible to attain even the minimum degree of dilution;

(i) to evolve methods of utilization of sewage and suitable trade effluents in agriculture;

(j) to evolve efficient methods of disposal of sewage and trade effluents on land, as are necessary on account of the predominant conditions of scant stream flows that do not provide for major part of the year the minimum degree of dilution;

(k) to lay down standards of treatment of sewage and trade effluents to be discharged into any particular stream taking into account the minimum fair weather dilution available in that stream and the tolerance limits of pollution permissible in the water of the stream, after the discharge of such effluents;

(m) to lay down effluent standards to be complied with by persons while causing discharge of sewage or sullage or both and to lay down, modify or annul effluent standards for the sewage and trade effluents;

And Whereas, CPCB issued directions dated: 21/04/2015 under Section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to the State Pollution Control Boards (SPCBs) /Pollution Control Committees (PCCs) to direct concerned authorities and municipalities in the State/Union Territory to develop infrastructure for sewage management and utilization of treated sewage for the non-potable use; and

Whereas, CPCB issued directions dated 19/04/2017 under Section 5 of Environment (Protection) Act, 1986 to concerned authorities (Uttarakhand Jal Sansthan (UJS), Uttarakhand Pey Jal Nigam (PJN), Uttar Pradesh Jal Nigam (UPJN), Bihar Rajya Jal Parishad (BRJP),

Kolkata Metropolitan Development Authority (KMDA), Kolkata Metropolitan Water and Sanitation Authority (KMWSA), Public Health Engineering Department (PHED)-WB and local urban bodies of Rajmahal & Sahebganj of Jharkhand) responsible for operation and maintenance of STPs in Uttarakhand, Uttar Pradesh, Bihar, Jharkhand & West Bengal for planning to reuse treated sewage for non-potable applications wherever possible; and

Whereas, Hon'ble Supreme Court in the writ petition (c) no. 375 of 2012 pronounced judgement dated: 22/02/2017 as under:

"Just in manner suggested hereinabove , for the purpose of setting up of 'common effluent treatment plants' the concerned State Governments (including, the concerned Union Territories) will prioritize such cities, towns and villages, which discharge industrial pollutants and sewer, directly into rivers and water bodies."

"We are of the view, that in the manner suggested above, the malady of sewer treatment, should also be dealt with simultaneously. We therefore hereby direct, that 'sewage treatment plants' shall also be set up and made functional, within the timelines and the format, expressed hereinabove."

And Whereas, Hon'ble National Green Tribunal in the writ petition (c) no. 3727of 1985 pronounced judgement dated: 13/07/2017 as under:

"The CPCB and the respective SPCBs, particularly, concerned with river Ganga shall issue consent orders which must contain stipulations/conditions with regard to reuse of the treated sewage for industrial and other purposes. This condition should also be incorporated by an amendment in the orders already issued by the Boards to the industries, however, they may be provided time frame for compliance of this direction. The Board can implement this direction in stages, giving preferences first in the urban areas and later in rural areas."

"All the existing STPs as well as the STPs to be designed and constructed should satisfy the existing standards. The new STPs should be designed and constructed in a manner in which they should be able to achieve more stringent norms, if prescribed in future"

And Now, Therefore, in view of above referred observation & resolution and in exercise of the power conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 you are directed to take adequate step to implement the following directions in the industrial units located in your state on the main stem of river Ganga to ensure water conservation and management is achieved:

1. Identification of units by 31st March, 2018 suitable for using treated sewage in terms of input quality and vicinity of STPs operating on the main stem of river Ganga.
2. Identified industrial units should be given a time frame and be directed to submit an action plan for reuse of treated sewage for industrial and other purpose (non-potable applications) wherever possible.

3. The industrial units having STPs for their own residential establishment shall be directed to reuse the treated sewage for industrial and other purpose (non-potable applications).
4. The Consent to Operate (CTO) issued /to be issued to all the industrial units located on main stem of river Ganga in your state shall be suitably modified (if not done already) incorporating the condition for the reuse of treated sewage for industrial and other purpose (non-potable applications) as per Hon'ble NGT order.
5. SPCB shall issue directions to all municipalities/ urban local bodies, development authorities and other concerned authorities in the State responsible for operation of sewage treatment facility and disposal of treated sewage to co-operate with the industrial units of the concerned area for the reuse of treated sewage.
6. The concerned authorities and other operators (industrial establishment, Hotels/Ashrams, hospitals and residential establishment and societies) responsible for operation of existing sewage treatment plants, if any, as applicable shall be issued direction for upgradation of STPs to meet the notified discharge norms for STP within prescribed time frame as notified on October 13, 2017 and the new sewage treatment plants which will come in existence after the issuance of these directions shall be designed to treat and achieve standards as per the notified standards.
7. List of STPs commissioned in your state on main stem of river Ganga being operated by municipalities/ urban local bodies, development authorities, other concerned authorities, industrial establishment, Hotels/Ashrams, hospitals and residential establishment and societies shall be provided to CPCB along with installed capacity, consent status, name of authority/body responsible for O&M of STP and treated sewage disposal mode as prescribed in consent to operate.

The State Board shall acknowledge the receipt of this direction within 15 days and shall communicate the status on the actions taken before 31st March, 2018


(S. P. SINGH PARIHAR)
CHAIRMAN

Copy to :

1. The Principal Secretary
Housing & Urban Planning Department
(Uttarakhand, Uttar Pradesh, Bihar, Jharkhand & West bengal)

2. The Director General,
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4. The Advisor (NRCD),
Ministry of Environment, Forests, & Climate Change
Indira Paryavaran Bhwan, Jorbagh Road,
Ali Ganj, Lodi Colony,
New Delhi - 110013
5. ✓ The Incharge, IT Division, CPCB : for uploading on website
6. The Regional Director, :for follow up & update
Regional Directorate –Lucknow & Kolkata
Central Pollution Control Board the status



(A. SUDHAKAR)
MEMBER SECRETARY

