



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

**SPEED POST**

File No. B-190200/STP- NBSR/WQM-II/CPCB/2020-21

Date : 11.02.2021

To,

The Managing Director,  
Pey Jal Nigam Uttarakhand  
11, Mohini Road, Rajendra Nagar  
Dehradun - 248 001 (Uttarakhand)

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 FOR 75 KLD SEWAGE TREATMENT PLANT (STP) AT BUS STAND (NEAR DART PUL), RUDRAPRAYAG, UTTARAKHAND-reg.**

**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**, sewage discharge is a major cause for poor water quality and adversely impacts human health and aquatic life. The discharge of untreated and partially treated sewage not meeting sewage discharge standards is further adding to the problem of water pollution; and

**WHEREAS**, Central Pollution Control Board (CPCB) issued directions dated 19.04.2017 to local authorities of five Ganga main stem states under Section 5 of Environment (Protection) Act, 1986 to take all necessary measures so that STPs which have been commissioned and all pumping stations work to their maximum capacity regularly and in no case their function should be stopped, continuous power supply at STPs and pumping stations shall be ensured (at least dual feeder system) and time bound action plan for collection and treatment of entire sewage generated in the identified Ganga front towns; and

**WHEREAS**, Hon'ble NGT vide its order dated 31/08/2018 and 19.02.2019 in O. A. No. 593/2017 (WP (Civil) No. 375/2012), Paryavaran Suraksha Samiti & Anr.Vs. Union of India & Ors. directed that "The CPCB may take penal action for failure, if any, against those accountable for setting up and maintaining STPs, CETPs and ETPs. CPCB may also assess and recover compensation for damage to the environment and said fund may be kept in a separate account and utilized in terms of an action plan for protection of the environment"; and

**AND WHEREAS**, in compliance of above referred Hon'ble NGT order, CPCB issued methodology for imposing Environmental Compensation vide circular dated 24/05/2019 and cases to be considered for levying penalty are discharges in violation of consent conditions, mainly prescribed standards/non-compliance with the directions issued, such as direction for closure due to non-installation of Online Continuous Effluent Monitoring System (OCEMS), non-adherence to action plan submitted/ intentional avoidance of data submission or data manipulation by tampering the OCEMS or accidental discharges lasting for short durations resulting into damage to the environment/intentional discharge onto the ambient environment-land, water, air, resulting into acute injury or damage to the environment/ injection of treated/partially treated/untreated effluents to ground water; and

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Parivesh Bhawan, East Arjun Nagar, Delhi-110032

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

**WHEREAS**, as per the Hon'ble NGT order dated 30.04.2019 in O.A. no. 1069/2018, the applicable treated discharge standards for STPs are pH –5.5-9.0, BOD –10 mg/l, TSS – 20 mg/l, COD – 50 mg/l, Nitrogen-Total – 10 mg/l, Phosphorus-Total (For Discharge into Ponds, Lakes) – 1.0 mg/l, Faecal Coliform (FC) –100 MPN/100 ml (Desirable) & 230 MPN/100 ml (Permissible); and

**WHEREAS**, CPCB issued directions dated 26.06.2020 under Section 18 (1) (b) of the Water (Prevention and Control of Pollution) Act, to State Pollution Control Boards of Uttarakhand, Uttar Pradesh, Bihar and West Bengal for compliance of the following direction:

1. No authority shall allow the discharge of polluted sewage or polluted effluents directly into a water channel or stream in violation of the law even during monsoon season and they shall ensure that the standards for Faecal Coliform are duly maintained; and

**WHEREAS**, CPCB issued directions dated 10.08.2020 under Section 5 of the Environment (Protection) Act, 1986 for installation of Online Continuous Effluent Monitoring System (OCEMS) within six months for self – surveillance of Sewage Treatment Plants; and

**WHEREAS**, the Hon'ble NGT vide order dated 13.08.2020 in the O.A. no. 200/2014 directed that,

1. *For delay in setting up of STPs and sewerage network beyond prescribed timelines, State may be liable to pay Rs. 10 Lakhs per month per STP and its network.*
2. *With regard to works under construction, after 01.07.2020, direction for payment of environmental compensation of Rs. 10 lakhs per month to CPCB for discharging untreated sewage in any drain connected to river Ganga or its tributaries and Rs. 10 lakhs per month to CPCB per incomplete STP and its sewerage network will apply.*

*As already observed by this Tribunal including in the order dated 14.05.2019 that River Ganga being National River with distinct significance for the country, even a drop of pollution therein is a matter of concern; and*

**WHEREAS**, a team of official from CPCB carried out inspection of **75 KLD STP at Bus Stand (near Dart Pul), Rudraprayag, Uttarakhand** on 23.11.2020 and **found the STP non-operational during the inspection**. Following observations were made during the inspection:

1. STP was found non-operational at the time of visit on dated 23.11.2020.
2. The STP was reported to be non-operational since January, 2020 due to construction of road and, sewage is not reaching to STP.
3. 75 MLD STP at Bus Stand (near drat Pul), Rudraprayag has electrocoagulation technology and its main components are bar screen, grit-chamber, equalization tank, electrocoagulation, flash mixture, tube settler, ozonization, and multi grade pressure sand filter and Activated carbon filter.
4. The unit has Consent to operate under Water Act, 1974 valid till 31.03.2021.
5. Flow meter was not installed at inlet and outlet of STP.
6. Online Continuous Effluent Monitoring System (OCEMS) system was not installed at the outlet of the STP.
7. Raw sewage reaches the STP by sewerage network.
8. Treated sewage from the STP is discharged into river Alaknanda.
9. Provision of bypass arrangement at STP was found near inlet after grit chamber.

10. Method of sludge disposal and status were unsatisfactory.
11. Primary treatment is made through grit chamber and collection tank.
12. Sludge Drying bed was not available at STP.
13. No recirculation pit was found for silt removal near grit chamber and the raw sewage was entering into river at the time of silt removal.
14. In-house lab facility was not available for the analysis of discharge parameters.
15. Provision of disinfection is made by ozonization technology.
16. Sample could not be collected from the STP on the day of inspection as it was not operational, and

**WHEREAS**, Pey Jal Nigam Uttarakhand (PJNUK) is required to carry the following suggestive measures -

1. Sewage should reach the STP and STP shall be made operational immediately.
2. Pey Jal Nigam Uttarakhand shall ensure that the sewage should reach the STP by repairing the damaged sewer line.
3. STP shall install flowmeter at inlet and outlet.
4. STP shall inform in advance to SPCB, about shutdown of STP due to any maintenance work.
5. Provision for Sludge Drying beds should be provided at STP.
6. OCEMS shall be installed and connected to CPCB/UKPCB servers.
7. STP shall establish environmental laboratory for monitoring of treated sewage discharge quality.
8. STP shall made re-circulation pit at grit chamber for silt removal.

**It is evident that the Sewage Treatment Plant at Bus Stand (near Dart Pul), Rudraprayag having designed treatment capacity of 75 KLD was found non-operational on the day of visit and untreated sewage was being discharged into river Alaknanda causing potential threat to the Environmental quality.**

**Now, Therefore** in view of the above observations, and in exercise powers delegated to the Chairman, Central Pollution Control Board under section 5 of the Environment (Protection) Act, 1986, Show Cause notice is hereby served to Uttarakhand Pey Jal Nigam to explain the reason of non-operation of 75 KLD STP, Rudraprayag (near Drat Pul) and **why Environment Compensation of Rs 10 lakh per month should not be imposed on Pey Jal Nigam Uttarakhand (PJNUK) for discharge of untreated sewage into river Alaknanda due to non-operational 75 KLD STP (near Drat Pul), Rudraprayag until the STP is made operational.**

Pey Jal Nigam Uttarakhand (PJNUK) shall acknowledge the receipt of Show Cause Notice and submit reply to this office within 15 days from the date of this notice failing which suitable action as deemed fit under provision of the Environment (Protection) Act, 1986 will be initiated.

  
(SHIV DAS MEENA)  
CHAIRMAN

**Copy to:**

1. **The Secretary,**  
Ministry of Housing & Urban Affairs,  
Government of Uttarakhand  
31/62 Rajpur Road,  
Dehradun, Uttarakhand-248001

: for kind information and  
necessary action please

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2. **The Member Secretary,**  
Uttarakhand Pollution Control Board  
Gaura Devi Bhawan, 46B IT Park, Shastradhara  
Dehradun- 248 001 (Uttarakhand) : with a request to ensure  
compliance of the direction
3. **The Director General,**  
National Mission for Clean Ganga (MoWR, RD & GR)  
1st Floor, Major Dhyan Chand National Stadium  
India Gate, New Delhi – 110002 : for kind information please
4. **The Joint Secretary (CP Division),**  
Ministry of Environment, Forests, & Climate Change  
Indira Paryavaran Bhawan, Jorbagh Road,  
Ali Ganj, Lodhi Colony, New Delhi – 110013 : for kind information please
5. **Project Director,**  
State program management group, Uttarakhand  
(SMCG-UK),  
117 Indira Nagar, Dehradun, Uttarakhand- 248001 : for kind information and  
necessary action please
- ✓ 6. The Incharge, IT Division, CPCB : for uploading on website
7. Incharge, WQM-II, CPCB, DELHI : for record

  
(PRASHANT GARGAVA)  
MEMBER SECRETARY