



SPEED POST/E-mail

File No. PJ-4012(12)15/2021-WQM-II-HO-CPCB-HO 2164

Date: 03.06.2024

To,  
The Chief General Manager  
Uttarakhand Jal Sansthan  
B-block, Jal Bhavan, Nehru Colony,  
Dehradun - 248001 (Uttarakhand)

**DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 FOR OPERATION AND MAINTENANCE OF SWARGASHRAM (03 MLD) SEWAGE TREATMENT PLANT (STP)-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 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 standards is further adding to the problem of water pollution and very sizeable gap exist in generation and treatment of sewage; and

**WHEREAS**, there is need to inculcate habit of self-monitoring within the Sewage Treatment Plants (STPs) for complying with the prescribed standards and this can be achieved by the methods like installing Online Continuous Effluent Monitoring System (OCEMS); and

**WHEREAS**, for strengthening the monitoring and compliance through self-regulatory mechanism, OCEMS need to be installed and operated by the agencies responsible for operation and management of STPs on 'polluter pays principle'; and

**WHEREAS**, a joint team of officials from CPCB and Uttarakhand Pollution Control Board (UKPCB) carried out inspection of 03 MLD STP located at Swargashram, Rishikesh, District-Pauri Garhwal, Uttarakhand on 15.03.2024 with reference to SMS alert generated for OCEMS operations. The following observations were made-

1. The STP is based on Sequential Batch Reactor technology and found operating at approx. 3.54 MLD (118%) against its designed capacity of 3 MLD.
2. The STP is operated under supervision of Uttarakhand Jal Sansthan (UKJS), Rishikesh.
3. Ultrasonic flow meters found installed at inlet and outlet of STP and were found operational.
4. Samples for analysis were collected from Inlet, Outlet and SBR basin of the STP.

**'परिवेश भवन' पूर्वी अर्जुन नगर, दिल्ली-110032**

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

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

5. Treated sewage from the STP outlet was not meeting the sewage discharge norms as per consent from SPCB for **Fecal Coliform - 2000 MPN/100 ml (against norm of 1000 MPN/100 ml)**. Other parameters were found complying and the observed values were pH – 7.31 (against norm of 6.5 to 9), BOD: 6.87 mg/l (against norm of 30 mg/l), TSS: BDL (against norm of 100 mg/l), Total Nitrogen – 18.6 mg/l, COD: 24.9 mg/l.
6. The treated sewage from STP is discharged into river Ganga whereas as per consent condition the treated sewage is required to be reused in gardening etc.
7. The higher values of FC at outlet of STP, indicates improper operation & maintenance or inadequate disinfection system.
8. MLSS and MLVSS in the SBR Tank were recorded as 3971 mg/l and 3080 mg/l, respectively.
9. Dewatered sludge was found dumped in the STP premises in a open store yard in the STP premises and logbook for sludge generation and its disposal was not maintained by the STP operators.
10. The OCEMS data based SMS alert was generated as monitoring data not displayed to CPCB portal.
11. UKJS vide letter dated 15.03.2024 informed CPCB that due to malfunction in Air compressor of OCEMS system on 17.01.2024, data was not being displayed on Ganga Tarang portal. It further informed that the air compressor has been repaired dated 30.01.2024 and that the OCEMS is functioning smoothly.

**AND WHEREAS, it is evident from above, that the sewage treatment plant at Swargashram, Rishikesh, District Pauri Garhwal, Uttarakhand having designed treatment capacity of 3 MLD was found operational but non-complying with respect to consented discharge standards and also, against the consent condition of UKPCB, the treated sewage was being discharged into river Ganga; and**

**NOW THEREFORE,** in view of above-mentioned observations and in exercise of powers delegated under Section 5 of the Environment (Protection) Act, 1986, **Uttarakhand Jal Sansthan** is directed to carry out measures for proper operation, maintenance of STP, including the disinfection unit, so as to comply with sewage discharge norms, including scientific sludge management and use of treated sewage as per consented condition.

Uttarakhand Jal Sansthan shall submit the action taken report within 30 days, failing which suitable action as deemed fit under provision of the Environment (Protection) Act. 1986 will be initiated.

15/3/24  
(TANMAY KUMAR)  
CHAIRMAN

**Copy to:**

1. The Director General, : for kind information, please.  
National Mission for Clean Ganga (MoWR, RD & GR)  
1st Floor, Major Dhyan Chand National Stadium  
India Gate, New Delhi – 110002

2. The Additional Secretary (CP Division) : for kind information, please.  
Ministry of Environment, Forests, & Climate Change  
Indira Paryavaran Bhawan, Jorbagh Road,  
Ali Ganj, Lodhi Colony, New Delhi – 110013
3. Member Secretary, :with a request to ensure  
Uttarakhand Pollution Control Board compliance of the direction.  
Gaura Devi Bhawan,  
46-B, IT Park, Sahastradhara,  
Dehradun, Uttarakhand- 248001
4. The District Magistrate, Pauri : for kind information, please.  
Collectorate Compound  
Pauri Garhwal- 246001 (Uttarakhand)
5. Regional Director : for kind information and  
Regional Directorate, Lucknow necessary action please  
Central Pollution Control Board  
PICUP Bhawan, Vibhuti Khand, Gomti Nagar  
Lucknow- 226010 (Uttar Pradesh)
6. The Incharge, IT Division, : for uploading on website  
CPCB

  
(BHARAT KUMAR SHARMA)  
MEMBER SECRETARY