



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

File No. PJ-14013(12)/10/2021-WQM-II-HO-CPCB-HO (CETP Haridwar) Date: 31.10.2023

To,

Managing Director
State Infrastructure & Industrial Development
Corporation of Uttarakhand Ltd. (SIIDCUL),
29 IIE (IT Park), Sahastradhara Road,
Dehradun-248001, Uttarakhand

**DIRECTION UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986
REGARDING NON-COMPLIANCE OF COMMON EFFLUENT TREATMENT PLANT
(CETP) AT HARIDWAR, UTTARAKHAND**

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, CPCB, to issue direction to any industry, Municipal Corporation, Municipal Council, Cantonment Board or to any local or other Authority for the violation of emission and effluent standards notified under the Environment (Protection) Rules, 1986; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollutants from various categories of industries, Common Effluent Treatment Plants (CETP) and Sewage Treatment Plants (STP) under the Environment (Protection) Act, 1986 and the rules framed there under; and

WHEREAS, the 4.5 MLD CETP located at the Integrated Industrial Estate (IIE), Haridwar, Uttarakhand (here in after referred as 'CETP') is designed to treat effluent generated from 549 industrial units located in the Integrated Industrial Estate (Haridwar, Uttarakhand). The CETP is connected with 549 member units and is owned by the State Infrastructure and Industrial Development Corporation of Uttarakhand Limited (SIIDCUL); and

WHEREAS, CPCB issued directions dated 05/02/2014 & 02/03/2015 under section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to Uttarakhand Pollution Control Board for installation of OCEMS w.r.t. pH, BOD, TSS, COD and flow parameters in CETPs located in the main stem of River Ganga and ensure connectivity with CPCB/SPCB server for transmission of 24x7 monitoring data; and

WHEREAS, CETP was inspected by CPCB officials on 16/05/2023 regarding "SMS alert based inspection: Environmental surveillance of 17 categories of high pollution potential industries and common facilities based on Online Continuous Emission Monitoring System (OCEMS) data". The

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treated effluent of CETP was found complying w.r.t. treated effluent quality standards and OCEMS installed at outlet of the CETP was found connected with CPCB server. However, following issues in OCEMS data transmission with CPCB server were observed:

1. No data for the parameters namely pH, TSS, BOD & COD was received during Dec 7-15, 2022.
2. No data for the parameter-pH was received since Jul 25, 2023 onwards.
3. No data was received since Aug 3, 2023 onwards.

AND WHEREAS, CPCB issued letter dated 06/10/2023 to SIIDCUL to restore the OCEMS data transmission to CPCB server immediately and provide continuous data transmission to CPCB server; and

WHEREAS, CETP, Haridwar, Uttarakhand was inspected by CPCB officials on 31/07/2023 and following observations were made:

1. The CETP was found operational on the day of the inspection and the utilized capacity was 8.3 MLD. Phase-I of 4.5 MLD was commissioned in Feb, 2008 and Phase-II of 4.5 MLD was commissioned in Feb, 2022. The CETP is based on MBBR followed by Activated Sludge Process.
2. CETP receives mixed effluent comprising of effluent from 549 units (~55%) and sewage (~45%). The member units comprise a mixed type of industries encompassing metal processor/auto parts, plastic/rubber, pharma, cosmetics, electrical, packaging, food products and textiles.
3. Flow meters were installed at the inlet and outlet of the CETP and were found functional.
4. Online Continuous Emission Monitoring Systems (OCEMS) was found installed at outlet of the CETP and connected with CPCB server.
5. CETP has provided a copy of Consolidated Consent to Operate and Authorization granted by UKPCB under Water Act, 1974, Air Act, 1981 and Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 to SIIDCUL which was valid up to 31/03/2022. The CETP has applied for renewal of CCA on dated 08/04/2022 and provided a copy of payment receipt of renewal application to CPCB.
6. **Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for Fluoride-3 mg/l (against norm of 2 mg/l).** Values of parameters observed as pH-7.4 (against 6-9), BOD-7 mg/l (against norm of 30 mg/l), COD-59 mg/l (norm of 250 mg/l), TSS-23 mg/l (norm of 100 mg/l), FDS-1720 mg/l (against norm of 2100 mg/l), Chloride-329 mg/l (against norm of 1000 mg/l), Ammoniacal Nitrogen-4 mg/l (against norm of 50 mg/l), Total Kjeldahl Nitrogen-5 mg/l (against norm of 50 mg/l), Sulphate-177 mg/l (against norm of 1000 mg/l) and Oil & Grease-BDL (against norm of 10 mg/l).
7. Industrial effluent received at the inlet of the CETP was meeting the inlet effluent quality standards prescribed by UKPCB except for TDS-2188 mg/l (against norm of 2100 mg/l).
8. MLSS and MLVSS in the aeration tank were 2794 mg/l and 2040 mg/l, respectively.
9. Treated effluent was discharged into the Rawli Rao drain which finally meets river Sukhi, a tributary of river Ganga. Treated effluent is also used for gardening inside CETP premises.

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 **State Infrastructure and Industrial Development**

Corporation of Uttarakhand Ltd. (SIIDCUL), 29, IIE (IT Park), Sahastradhara Road, Dehradun-248001, Uttarakhand:

1. Ensure proper operation and maintenance of the CETP to meet out the consented discharge norms.
2. SIIDCUL shall identify and take necessary action against the member units which discharges effluent without meeting the CETP inlet norms prescribed by UKPCB.
3. SIIDCUL shall ensure uninterrupted connectivity and 24x7 OCEMS data transmission to CPCB server.

State Infrastructure and Industrial Development Corporation of Uttarakhand Ltd. (SIIDCUL), 29, IIE (IT Park), Sahastradhara Road, Dehradun-248001, Uttarakhand shall ensure the compliance of directions mentioned above and submit duly notarized point wise reply along with measures taken in compliance to all points mentioned at Sr. No. 1 to 3 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. **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 - 110 002
2. **Additional Secretary (CP Division),** : For kind information, please.
Ministry of Environment Forests & CC,
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi - 110 003
3. **Member Secretary** : For kind information, please.
Uttarakhand Pollution Control Board,
Gaura Devi Bhawan, 46 B, IT Park,
Sahastradhara, Dehradun - 248 001,
Uttarakhand
4. **In-charge, IT Division, CPCB** : For uploading the direction
on CPCB website, please.


(BHARAT KUMAR SHARMA)
MEMBER SECRETARY