



**LIFE**  
Lifestyle for  
Environment



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/E-mail

File No. PJ-14013(12)/1/2021-WQM-II-HO-CPCB-HO 3212 Date: July 30, 2024

To,

The Member Secretary,  
Uttarakhand Pollution Control Board,  
Gaura Devi Bhawan, 46 B, IT Park,  
Sahastradhara, Dehradun - 248 001,  
Uttarakhand

**DIRECTIONS UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1974 REGARDING NON-COMPLIANCE OF COMMON EFFLUENT TREATMENT PLANTS (CETPs) INSTALLED IN PANTNAGAR, SITARGANJ AND HARIDWAR IN UTTARAKHAND**

WHEREAS, the Central Board, has delegated powers vested under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to the Member Secretary, Central Pollution Control Board vide its resolution made in 196<sup>th</sup> Board meeting dated 29<sup>th</sup> March, 2022 to issue direction under Section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 to State Board (s); and

WHEREAS, amongst others, under section 16 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board, constituted under the Water (Prevention and Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards & Pollution Control Committees to provide technical assistance and guidance to SPCBs/PCCs; and

WHEREAS, amongst others, under section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Board, constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for the prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution thereof; and

WHEREAS, under Section 25 of the Water (Prevention and Control of Pollution) Act, 1974, no person shall, without the previous consent of the State Pollution Control Board establish or take any steps to establish any industry, operation or process or any treatment or disposal system or any extension or addition thereto, which is likely to discharge sewage or trade effluent into a stream or well or sewer or on land; and

Contd.

**‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली-110032**

Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

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

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

**WHEREAS**, three CETPs are located on main stem of river Ganga or its tributaries in the state of Uttarakhand. These CETPs are located in mixed industrial clusters located at Haridwar and Pantnagar & Sitarganj in Udham Singh Nagar; and

**WHEREAS**, the 9 MLD CETP located at the Integrated Industrial Estate (IIE), Haridwar, Uttarakhand (here in after referred as 'CETP Haridwar') is designed to treat effluent generated (industrial effluent and sewage) from 549 industrial units located in the Integrated Industrial Estate (Haridwar, Uttarakhand). The member units comprise a mixed type of industries encompassing metal processor/auto parts, plastic/rubber moulders, pharma (formulation), cosmetics, electrical & electronics, packaging/warehouse/others, food products and textile. The CETP is owned by the State Infrastructure and Industrial Development Corporation of Uttarakhand Limited (SIIDCUL) and operated by M/s SK UEM Water Projects Pvt. Ltd.; and

**WHEREAS**, CETP Haridwar was inspected by CPCB on 17/03/2021, 29/09/2021, 29/12/2021, 30/03/2022, 23/06/2022 & 27/03/2022, 16/05/2023, 31/07/2023, 23/11/2023 & 28/03/2024 and the compliance status is as follows:

S. no.	Date of inspection	Compliance status
1.	17/03/2021	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge norms for BOD-64 mg/l (against norm of 30 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the influent quality norms prescribed by Uttarakhand Pollution Control Board (UKPCB) for Hg-1.61 mg/l (against norm of 0.01 mg/l).
2.	29/09/2021	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standard for BOD-31 mg/l (against norm of 30 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-955 mg/l (against norm of 500 mg/l), COD-2118 mg/l (against norm of 900 mg/l), Oil & Grease-23 mg/l (against norm of 20 mg/l), Hexavalent Chromium-3.07 mg/l (against norm of 2 mg/l) and Mercury-1 mg/l (against norm of 0.01 mg/l).
3.	29/12/2021	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards except for Nitrate-11.39 mg/l (against norm of 10 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-521 mg/l (against norm of 500 mg/l), COD-1002 mg/l (against norm of 900 mg/l) and Mercury-1.21 mg/l (against norm of 0.01 mg/l).

S. no.	Date of inspection	Compliance status
4.	30/03/2022	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-609 mg/l (against norm of 500 mg/l), COD-1282 mg/l (against norm of 900 mg/l) and Oil & Grease-79 mg/l (against norm of 20 mg/l).
5.	23/06/2022	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-554 mg/l (against norm of 500 mg/l) and COD-976 mg/l (against norm of 900 mg/l).
6.	27/03/2023	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for Oil & Grease-23 mg/l (against norm of 20 mg/l).
7.	16/05/2023	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for Oil & Grease-21.3 mg/l (against norm of 20 mg/l).
8.	31/07/2023	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). 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).
9.	23/11/2023	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for BOD-83 mg/l (against norm of 30 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-800 mg/l (against norm of 500 mg/l), COD-1254 mg/l (against norm of 900 mg/l), Oil & Grease-78 mg/l (against norm of 20 mg/l) and Chromium-2.323 mg/l (against norm of 2 mg/l).
10.	28/03/2024	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for BOD-38 mg/l (against norm of 30 mg/l) and Sulphide-4.4 mg/l (against norm of 2 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-524 mg/l (against norm of 500 mg/l), COD-1176 mg/l (against norm of 900 mg/l), Cyanide-3.5 mg/l (against norm of 2 mg/l) and Copper-22.4 mg/l (against norm of 3 mg/l).

**WHEREAS**, it is evident that the CETP Haridwar was not operated and maintained properly to comply with the treated effluent discharge norms. Industrial effluent received at the inlet of the CETP was also not meeting the inlet effluent quality standards prescribed by UKPCB indicating that member units were not complying with CETP inlet effluent quality standards; and

**WHEREAS**, CPCB issued letters dated 31/08/2021, 24/01/2022, 21/02/2022 and 06/10/2023 to suggest measures to improve the functioning of CETP Haridwar. Regarding non-compliance of CETP Haridwar, CPCB also issued direction dated 31/10/2023 under section 5 of Environment (Protection) Act, 1986 to SIIDCUL and direction dated 19/03/2024 under section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to UKPCB; and

**WHEREAS**, the 4 MLD CETP located at the Integrated Industrial Estate, Sector - IIDC, IIE, Pantnagar, Tehsil - Kichcha, District Udham Singh Nagar, Uttarakhand (here in after referred as 'CETP Pantnagar') is designed to treat effluent generated from industrial units located in Integrated Industrial Estate (Pantnagar, Uttarakhand). The CETP is connected with 290 member units and is owned by the SIIDCUL which has sublet the operation & maintenance work to M/s Pantnagar CETP Pvt. Ltd. (M/s PCETPPL), an SPV of Ramky Infrastructure Pvt. Ltd. (here in after referred as 'the operator'); and

**WHEREAS**, CETP Pantnagar was inspected by CPCB on 23/03/2021, 19/08/2021, 22/09/2021, 09/03/2022, 15/06/2022, 17/01/2023, 29/07/2023 & 19/03/2024 and the compliance status is as follows:

S. no.	Date of inspection	Compliance status
1.	23/03/2021	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for pH-4.6 (against norm of 5.5-9.0), BOD-637 mg/l (against norm of 550 mg/l) and COD-1552 mg/l (against norm of 1100 mg/l) and Lead-2.07 mg/L (against norm of 0.1 mg/L).
2.	19/08/2021	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards. Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for pH-4.22 (against norm of 5.5-9.0) and Oil & Grease-49 mg/l (against norm of 20 mg/l).
3.	22/09/2021	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for Fluoride-2.1 mg/L (against norm of 2 mg/L) and Boron-15.48 mg/L (against norm of 2 mg/L). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for pH-4.9 (against norm of 5.5-9), BOD-716 mg/L (against norm of 550 mg/L), COD-1262



S. no.	Date of inspection	Compliance status
		mg/L (against norm of 1000 mg/L), Boron-10.73 mg/L (against norm of 2 mg/L) and Lead-2.2 mg/L (against norm of 1 mg/L).
4.	09/03/2022	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for Boron-4.85 mg/L (against norm of 2.0 mg/L), $\beta$ -HCH-0.453 $\mu$ g/L (against norm of "Absent") and p, p' DDE-0.244 $\mu$ g/L (against norm of "Absent"). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for pH-2.8 (against norm of 5.5-9.0), BOD-813 mg/L (against norm of 550 mg/L), COD-2033 mg/L (against norm of 1000 mg/L), Boron-5.6 mg/L (against norm of 2.0 mg/L), Lead-18.32 mg/L (against norm of 1.0 mg/L) and Mercury-3.21 mg/L (against norm of 0.01 mg/L).
5.	15/06/2022	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for Fluoride-3.14 mg/L (against norm of 2 mg/L) and p, p'-DDE- 0.388 mg/L (against norm of "Absent"). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB with pH-2.8 (against norm of 5.5-9.0) and Pb-1.96 mg/L (against norm of 1 mg/L).
6.	17/01/2023	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards.
7.	29/07/2023	Treated effluent of CETP was found complying w.r.t. treated effluent quality standards except Fluoride-2.7 mg/L (against norm of 2 mg/L).
8.	19/03/2024	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards except for BOD-32 mg/l (against norm of 30 mg/l), Fluoride-2.6 mg/l (against norm of 2 mg/l) and $\beta$ -HCH- 0.106 $\mu$ g/l (against norm of "Absent"). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-772 mg/l (against norm of 550 mg/l) and COD-1570 mg/l (against norm of 1100 mg/l).

**AND WHEREAS,** CPCB issued letter dated 01/11/2021 to M/s Ramky Infrastructure Pvt. Ltd. to improve the functioning of the CETP Pantnagar. Subsequently, Show Cause Notices were issued to SIIDCUL on 23/12/2021 and to M/s PCETPPL on 16/11/2022 under section 5 of the Environment (Protection) Act, 1986, regarding non-compliance of CETP Pantnagar. CPCB, vide direction dated 05/09/2023, directed M/s PCETPPL to deposit the environmental compensation amount of Rs. 3,71,250/- for the period of non-compliance (09/03/2022 to 15/06/2022) into the CPCB account. CPCB also issued direction dated 01/12/2023 to M/s PCETPPL under section 5 of the Environment (Protection) Act, 1986 to ensure proper operation & maintenance of the CETP and ensure proper & continuous function of installed

OCEMS, uninterrupted connectivity to CPCB server and 24×7 OCEMS data transmission to CPCB server; and

**WHEREAS**, it is evident that the CETP Pantnagar was not operated and maintained properly to comply with the treated effluent discharge norms. Industrial effluent received at the inlet of the CETP was also not meeting the inlet effluent quality standards prescribed by UKPCB indicating that member units were not complying with CETP inlet effluent quality standards. M/s PCETPPL has also not deposited the amount of environmental compensation levied by CPCB on M/s PCETPPL vide CPCB direction dated 05/09/2023; and

**WHEREAS**, the 4 MLD CETP located at the ELDECO SIDCUL Industrial Park, Plot No. U-3, Phase-III, Tehsil Sitarganj, District Udham Singh Nagar, Uttarakhand (here in after referred as 'CETP Sitarganj') is designed to treat effluent generated from 210 industrial units located in ELDECO SIDCUL Industrial Park. The CETP is owned by M/s ELDECO SIDCUL Industrial Park Ltd. (ESIPL) which is a joint venture of SIDCUL and M/s ELDECO, which has sublet the operation & maintenance work to M/s JITF ESIPL CETP (Sitarganj) Limited (here in after referred as 'the operator'); and

**WHEREAS**, CETP Sitarganj was inspected by CPCB on 22/03/2021, 23/09/2021, 08/03/2022, 15/06/2022, 16/01/2023, 28/07/2023 & 18/03/2024 and the compliance status is as follows:

S. no.	Date of inspection	Compliance status
1.	22/03/2021	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge standards for NH <sub>3</sub> -N-66 mg/l (against norm of 50 mg/l) and Cyanide-0.28 mg/l (against norm of 0.20 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for COD-1575 mg/l (against norm of 1100 mg/l).
2.	23/09/2021	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge standards for TDS-2456 mg/l (against norm of 2100 mg/l), Fluoride-11.83 mg/l (against norm of 2 mg/l), Cyanide-0.42 mg/l (against norm of 0.2 mg/l) and Boron-8.34 mg/l (against norm of 2 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for TDS-2388 mg/l (against norm of 2100 mg/l) and Boron-17.96 mg/l (against norm of 2 mg/l).
3.	08/03/2022	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge standards for Fluoride-6 mg/l (against norm of 2 mg/l), Boron-3.12 mg/l (against norm of 2 mg/l) and α-Endosulfan-0.161 µg/l (against norm of "Absent"). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for TDS-3372 mg/l (against norm of 2100 mg/l) and Fluoride-36 mg/l (against norm of 15 mg/l).

S. no.	Date of inspection	Compliance status
4.	15/06/2022	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge standards for TDS-2592 mg/l (against norm of 2100 mg/l), Fluoride-10.58 mg/l (against norm of 2 mg/l) and $\beta$ -HCH-0.312 mg/l (against norm of "Absent").
5.	16/01/2023	Treated effluent of CETP was found non-complying w.r.t. treated effluent discharge standards for BOD-49 mg/l (against norm of 30 mg/l), TSS-128 mg/l (against norm of 100 mg/l), FDS-2920 mg/l (against norm of 2100 mg/l) and Fluoride-5.27 mg/l (against norm of 2 mg/l). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for TDS-3668 mg/l (against norm of 2100 mg/l).
6.	28/07/2023	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for BOD-178 mg/L (against norm of 30 mg/L), COD-552 mg/L (against norm of 250 mg/L), Fluoride-4 mg/L (against norm of 2 mg/L), Total Kjeldahl Nitrogen-207 mg/L (against norm of 50 mg/L) and Ammoniacal Nitrogen-190 mg/L (against norm of 50 mg/L). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for TDS-2540 mg/L (against norm of 2100 mg/L) and Ammoniacal Nitrogen-268 mg/L (against norm of 50 mg/L).
7.	18/03/2024	Treated effluent of CETP was found non-complying w.r.t. treated effluent quality standards for BOD-112 mg/l (against norm of 30 mg/l), COD-263 mg/l (against norm of 250 mg/l), TKN-159 mg/l (against norm of 50 mg/l), $\text{NH}_3\text{-N}$ -146 mg/l (against norm of 50 mg/l), Fluoride-3.5 mg/l (against norm of 2 mg/l), Cyanide-0.3 mg/l (against norm of 0.2 mg/l), Dimethoate-0.514 $\mu\text{g/l}$ (against norm of 'absent') & $\beta$ -HCH-0.124 $\mu\text{g/l}$ (against norm of 'absent'). Industrial effluent received at the inlet of the CETP was not meeting the inlet effluent quality standards prescribed by UKPCB for BOD-1117 mg/l (against norm of 550 mg/l), COD-2120 mg/l (against norm of 1100 mg/l), TSS-2133 mg/l (against norm of 1500 mg/l), $\text{NH}_3\text{-N}$ -521 mg/l (against norm of 50 mg/l), Cyanide-4.8 mg/l (against norm of 2 mg/l) & Nickel-3.42 mg/l (against norm of 3 mg/l).

**AND WHEREAS,** CPCB issued letter dated 18/08/2021 to SIIDCUL to suggest measures to improve the functioning of CETP Sitarganj. Subsequently, Show Cause Notices were issued to ESIPL on 31/01/2022 and 01/07/2022 under section 5 of the Environment (Protection) Act, 1986, regarding non-compliance of CETP Sitarganj and why environmental compensation of Rs. 10,43,750/- shall not be levied for the non-compliance period from 23/09/2021 to 08/03/2022. CPCB also issued direction dated 13/06/2023 under section 5 of the Environment (Protection) Act, 1986 to M/s ESIPL and directed to deposit the environmental compensation amount of Rs. 10,43,750/- for the period of non-compliance from 23/09/2021 to 08/03/2022

into the CPCB account and also to show cause as to why the environmental compensation of additional Rs. 19,62,500/- shall not be levied for the non-compliance period from 09/03/2022 to 16/01/2023. CPCB also issued letter dated 05/10/2023 to UKPCB to ensure ESIPL deposits the environmental compensation levied by CPCB and to establish a surveillance team to monitor member industrial units to ensure their compliance with the CETP inlet effluent quality standards. Further, CPCB issued direction dated 05/03/2024 under section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to UKPCB to improve the functioning of CETP Sitarganj; and

**WHEREAS**, it is evident that the CETP Sitarganj was not operated and maintained properly to comply with the treated effluent discharge norms. Industrial effluent received at the inlet of the CETP was also not meeting the inlet effluent quality standards prescribed by UKPCB indicating that member units were not complying with CETP inlet effluent quality standards. M/s ESIPL has not deposited the amount of environmental compensation levied by CPCB on M/s ESIPL vide CPCB direction dated 23/06/2023; and

**NOW THEREFORE**, in exercise of powers conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act, 1974, Uttarakhand Pollution Control Board (UKPCB) is hereby directed to take appropriate measures including issuance of directions to ensure implementation of following pollution control measures in a time bound manner:

1. UKPCB shall take action, as deemed fit, including levying of environmental compensation against the non-complying CETPs at Haridwar, Pantnagar and Sitarganj and closure to member industrial units of these CETPs that do not have adequate treatment facilities to comply with the CETP inlet norms.
2. UKPCB shall establish a surveillance team to monitor member industrial units of CETPs at Haridwar, Pantnagar and Sitarganj to ensure their compliance with the CETP inlet effluent quality standards including compliance of effluent discharge standards by CETP.
3. UKPCB shall ensure that CETPs at Haridwar, Pantnagar and Sitarganj operates and maintains the treatment system, appropriately, so as to meet the consented discharge norms.

UKPCB shall acknowledge receipt of these directions immediately and submit the action taken report to CPCB within 15 days of receipt of this direction.



**(Bharat Kumar Sharma)**  
**MEMBER SECRETARY**



**Copy to:**

1. **Director General,** : For kind information,  
National Mission for Clean Ganga  
(MoWR, RD & GR), please.  
1<sup>st</sup> Floor, Major Dhyan Chand National  
Stadium, India Gate, New Delhi - 110 002
2. **Additional Secretary (CP Division),** : For kind information,  
Ministry of Environment Forests & CC, please.  
Indira Paryavaran Bhawan, Jor Bagh Road,  
New Delhi - 110 003
3. **District Magistrate-Haridwar,** : For kind information,  
Roshanabad Collectorate, please.  
Haridwar - 249403, Uttarakhand
4. **District Magistrate-Udham Singh Nagar,** : For kind information,  
Collectorate, Udham Singh Nagar - 263153, please.  
Uttarakhand
5. **Regional Officer,** : For kind information &  
Regional Office (Roorkee), necessary action, please.  
Uttarakhand Pollution Control Board,  
Irrigation Design Building, Canal Road,  
Roorkee (Haridwar) - 247667,  
Uttarakhand
6. **Regional Officer,** : For kind information &  
Regional Office (Kashipur), necessary action, please.  
Uttarakhand Pollution Control Board,  
Chamunda Complex, Ramnagar Road,  
Kashipur - 244713, Uttarakhand
7. **In-charge,** IT Division, CPCB : For uploading the direction  
on CPCB website, please.



**(Bharat Kumar Sharma)**  
**MEMBER SECRETARY**