



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)/11/2021-WQM-II-HO-CPCB-HO (CETP Sitarganj) Dated: 31.01.2022

To,

M/s ELDECO SIDCUL Industrial Park Ltd.,
201-212, IInd Floor, Splendour Forum,
Jasola, District Centre, New Delhi - 110025

SHOW CAUSE NOTICE UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 REGARDING NON-COMPLIANCE OF COMMON EFFLUENT TREATMENT PLANT (CETP) AT SITARGANJ, 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, amongst others, under Section 17 of the Water (Prevention and Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Boards (SPCBs)/Pollution Control Committees, constituted under the Water (Prevention and Control of Pollution) Act, 1974, is to plan a comprehensive programme for the prevention, control and abatement of pollution of stream and wells in the State/UT and to secure the execution thereof; and

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

1. The setting up of 'common effluent treatment plants' should be taken up as an urgent mission. CETPs which are already under implementation should be completed within the lines already postulated. CETPs which are yet to be set up, concerned State Governments/ Union Territories were directed to complete the same within three years from today (i.e. 22/02/2017)
2. While acquiring lands for setting up of 'common effluent treatment plants' concerned State Governments will acquire such additional land as may be required for setting up "zero liquid discharge plants" as and when required in future.
3. Government (or the Union Territories), shall cater to the financial requirement, of running the CETPs, which are presently dis-functional, from their own financial resources.

4. *For setting up CETPs, the concerned State Governments (or the Union Territories) will prioritize such cities, towns and villages, which discharge industrial pollutants and sewage, directly into rivers and water bodies.*
5. *The directions pertaining to continuation of industrial activity only when there is in place a functional primary ETP, and the setting up of functional CETPs, within the time lines, shall be of the Member Secretaries of the concerned Pollution Control Boards.*
6. *Some of the CETPs are dis-functional, because of lack of finances. Onus to operate the existing CETPs, rests on concerned Municipalities (and / or Local Bodies), cannot be permitted to shy away, from discharging this onerous duty.*
7. *The norms for generating funds, for setting up and / or operating the CETP shall be finalized, on or before 31.03.2017, so as to be implemented w.e.f. the next financial year.*

AND WHEREAS, the unit i.e., 4 MLD Common Effluent Treatment Plant (here in after referred as 'CETP') is located at the ELDECO SIDCUL Industrial Park, Plot No. U-3, Phase-III, Tehsil Sitarganj, District Udham Singh Nagar, Uttarakhand and owned by the State Infrastructure & Industrial Development Corporation Uttarakhand Limited (SIIDCUL); and

WHEREAS, the CETP has been designed to treat effluent generated from 210 industrial units located in ELDECO SIDCUL Industrial Park. M/s ELDECO SIDCUL Industrial Park Ltd. is the operating agency of the CETP which hired a sub-contractor namely M/s Jindal ESIPL CETP (Sitarganj) Limited for operation and maintenance of CETP; and

WHEREAS, based on the inspection of CETP carried out by CPCB on 15/03/2019, CPCB issued Show Cause Notice dated 03/07/2019 under section 5 of the Environment (Protection) Act, 1986 to M/s Jindal ESIPL CETP (Sitarganj) Limited, U-3, Phase-3, ELDECO SIDCUL Industrial Area, Tehsil-Sitarganj, District-Udham Singh Nagar, Uttarakhand to explain the reason of non-compliance of treated effluent w.r.t. norms prescribed by UKPCB for treated effluent quality and non-functionality of OCEMS at CETP outlet and non-compliance of the consent condition to recycle the treated effluent to the maximum extent; and

WHEREAS, CETP was inspected by CPCB officials on 22/03/2021 and found non-complying w.r.t. inlet and outlet discharge standards. CPCB issued a letter dated 18/08/2021 to CETP Operator namely, M/s Jindal ESIPL CETP (Sitarganj) Limited and suggested necessary measures required to improve the functioning of CETP Sitarganj; and

WHEREAS, M/s JITF ESIPL CETP (Sitarganj) Limited vide its letter dated 20/09/2021 submitted the action taken report in respect to CPCB letter dated 18/08/2021; and

WHEREAS, CETP was inspected by CPCB officials on 23/09/2021 and following observations were made:

1. CETP was operational on the day of inspection and utilized capacity was 1.5-1.8 MLD.
2. CETP representative informed that the CETP is designed to treat effluent generated from 210 industrial units but only 68 are connected and out of these 68 units, only 30 are operational unit.

3. Flow meters were installed at the inlet, outlet and feed line of flash mixer after equalization tank of the CETP.
4. Online Continuous Emission Monitoring Systems (OCEMS) were installed at the inlet and outlet of CETP and connected to CPCB server.
5. 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 2100 mg/l) and Boron-17.96 mg/l (against 2 mg/l).
6. Treated effluent of CETP was not meeting the treated effluent quality standards prescribed by UKPCB for TDS-2456 mg/l (against 2100 mg/l), Fluoride-11.83 mg/l (against 2 mg/l), Cyanide-0.42 mg/l (against 0.2 mg/l) and Boron-8.34 mg/l (against 2 mg/l). Values of other parameters observed as pH - 7.4 (against 5.5 – 9.0), BOD as 14 mg/l (against 30 mg/l), COD as 158 mg/l (against 250 mg/l), TSS as 28 mg/l (against 100 mg/l), Chloride-412 mg/l (against 1000 mg/l), Sulphate-186 mg/l (against 1000 mg/l), and Ammoniacal Nitrogen-3 mg/l (against 50 mg/l).
7. MLSS and MLVSS in the aeration tank were 2597 mg/l and 1334 mg/l, respectively. MLVSS/MLSS ratio in aeration tank was measured as 0.51 indicating that optimum active microbial consortium does not exist in aeration tank.
8. During inspection, the treated effluent after tertiary treatment was being used for irrigation purpose (area-17 acres) whereas as per consent condition it should be recycled to maximum extent.
9. The CETP was granted Consolidated Consent to Operate and Authorization on 25.06.2020 under Water Act, 1974, Air Act, 1981 and Hazardous and Other Waste (Management and Transboundary Movement) Rules, 2016 which has expired on 31.03.2021. CETP operating agency namely M/s ELDECO SIDCUL Industrial Park Ltd. applied to State Level Environment Impact Assessment Authority/SEIAA (constituted by Ministry of Environment, Forests & Climate Change, Government of India) on 21/11/2020 to amend the condition of zero discharge concept and sought permission to discharge treated waste water/effluent in to the nearby stream/Nallah, river. SEIAA vide its letter dated 12/08/2021, has duly considered the request of ESIPL and agreed for amendment of the condition Part-A Specific Conditions II Operation Phase as under:

“The installation of the CETP should be certified by an independent expert and should submit a report in this regard to the SEIM, Uttarakhand before the project is commissioned for operation. The treated waste water generated from CETP will be used as far as possible for landscape water requirement and gardening within the industrial area including flushing of toilets. The remaining treated waste water can be discharged to the nearby stream/nallah, river. The irrigation department will authorize the extent of discharge to avoid any incidence of flood/inundation in the nearby locality.”

CETP sub-contractor namely, M/s JITF Jindal CETP (Sitarganj) Limited has submitted application dated 24/08/2021 to UKPCB to amend the condition of zero discharge concept. A copy of application was provided to CPCB.
10. Out of two centrifuges installed, one was found out of order.

It is evident that CETP, Sitarganj was found non-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 indicating that member units are not complying with CETP inlet quality discharge norms, which effects the treatment efficiency of CETP. The treated effluent discharged from CETP is not meeting the desired discharge standards. Use of treated effluent containing high concentrations of Fluoride, Cyanide and Boron for irrigation purpose may pose threat to the environment.

AND NOW THEREFORE, in view of the above observations, and in exercise of 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 **ELDECO SIDCUL Industrial Park Ltd, 201-212, IInd Floor, Splendour Forum, Jasola, District Centre, New Delhi - 110025** to explain the reason of non-compliance of treated effluent w.r.t. prescribed treated effluent quality standards and **why environmental compensation should not be imposed**.

SIIDCUL 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.

M³ 31/1/22
(TANMAY KUMAR)
CHAIRMAN

Copy to:

1. **Chairman,**
Uttarakhand Pollution Control Board,
Gaura Devi Bhawan, 46 B, IT Park,
Sahastradhara, Dehradun - 248 001,
Uttarakhand : For kind information and
necessary action, please.
2. **Managing Director,**
SIIDCUL Head Office,
29, IIE (IT Park), Sahastradhara Road,
Dehradun-248001, Uttarakhand : For kind information and
necessary action, please.
3. **Director General,**
National Mission for Clean Ganga
(MoWR, RD & GR),
1st Floor, Major Dhyan Chand National Stadium,
India Gate, New Delhi - 110 002 : For kind information, please.
4. **Joint Secretary (CP Division),**
Ministry of Environment Forests & CC,
Indira Paryavaran Bhawan, Jorbagh Road,
New Delhi - 110 003 : For kind information, please.
5. **Regional Officer,**
Regional Office (Kashipur),
Uttarakhand Pollution Control Board,
Chamunda Complex, Ramnagar Road,
Kashipur - 244 713, Uttarakhand : For kind information and
necessary action, please.
- ✓ 6. **In-charge, IT Division, CPCB** : For uploading on CPCB
website, please.


(PRASHANT GARGAVA)
MEMBER SECRETARY