



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

B-190188/CETP-Haridwar/PIAS/WQM-II/CPCB/2018-19/

Date: 08/05/2018

To,

The Managing Director
State Infrastructure Development
Corporation of Uttarakhand Ltd. (SIDCUL)
29, IIE (IT PARK), Sahastradhara Road
Dehradun-248001, Uttarakhand

Direction under Section 5 of the Environment (Protection) Act, 1986

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 31.3.2017, so as to be implemented w.e.f. the next financial year.*

And Whereas, CETP, SIDCUL, Haridwar (4.5 MLD) was inspected by Joint Inspection Committee on 26/11/2017 as per Hon'ble NGT order dated 22/11/2017 and following observations were made by Joint Inspection Committee:

1. The CETP was operational on the day of inspection.
2. Online Continuous Effluent Monitoring System has not been installed at CETP outlet.
3. The treated effluent is discharged to lagoon. The Lagoon/ discharge pond was found filled. Overflow from the lagoon is discharged to a seasonal water stream, Ranipur ki Raaw. Some effluent of lagoon is used for irrigation by farmers. There is no reutilization plan for treated effluent.
4. Four small drains are existing in the SIDCUL area, which carry the domestic effluents and are not connected to CETP.
5. The analysis results of the sample taken from lagoon indicate non-compliance w.r.t prescribed discharge norms of CETP for **BOD - 40 mg/l** (against prescribed norms of **30.0 mg/l**).

And Whereas, NGT vide order dated December 15, 2017 in matter of M.C. Mehta Vs. Union of India & Ors. issued following directions regarding the CETP, Haridwar:

1. Agency responsible for O&M of CETP at Haridwar should ensure that the plant operates satisfactorily and regular records of effluents at inlet and outlet are maintained. Pollution Control Board of Uttarakhand in consultation with the National Mission for Clean Ganga shall maintain regular supervisory control over the working of this CETP.
2. Two local drains which are in the Haridwar industrial area should be connected to the CETP and CETP should be upgraded or in alternative, the two drains be intercepted and a separate CETP/STP should be put on them as their discharge is stated to be 3 to 4 MLD which is obviously in excess of the remnant capacity of the CETP-SIDCUL Haridwar which is 4.5 MLD and already receiving 3.5 MLD.
3. As effective regulation of each and every industries may not be physically possible, particularly in regard to their regular performance, we direct that, as the drains are carrying industrial/hotels/ domestic discharge, all the industries, hotels shall be liable to contribute on the polluter pays principle for construction of the CETPs/STPs as above directed.
4. National Mission for Clean Ganga, Uttarakhand Pollution Control Board and SIDCUL to determine which of the stated two options would be more effective in dealing with the pollution.
5. The environmental compensation payable in terms of the Section 15 of the National Green Tribunal Act, 2010 shall be on the basis of the rooms of the hotels and the quantum of the effluents being discharged by the industry- more the rooms or more the discharge, higher shall be the contribution. We leave it for this Committee to determine the amount payable by each industry/hotel as aforesaid. If any person fails to contribute upon demand from the concerned authority their water and electricity supply would be liable to be disconnected.
6. State of Uttarakhand, Uttarakhand Pollution Control Board and SIDCUL shall ensure that the discharge entering in the lagoon should not exceed the prescribed parameters. Steps should be taken to dredge the lagoons to remove the existing pollutants and dilution of the lagoon to take place in order to ensure that there is appropriate dilution to bring the parameters within the prescribed limits. Thereafter no pollutants in excess of prescribed limits should be permitted to enter the lagoons. The sludge is taken out from the lagoon should be maintained strictly in accordance with the relevant rules. If necessary it should be sent to TSDF at Roorkee and there shall be vehicles carrying sludge should be fitted with the GPS systems and due regular logbook should be maintained at the point of transportation and receiving entities.

And Whereas, as per the Consolidated Consent-to-Operate and Authorization (CCA) (valid up to 31.03.2018) issued by UEPPCB, SIDCUL has to establish 100% treated water reuse system and achieve the Zero Liquid Discharge (ZLD) for CETP, Haridwar; and

Whereas, CETP, SIDCUL, Haridwar (Design Capacity 4.5 MLD) was inspected by official of CPCB on dated 23/03/2018 and following observations were made:

1. The CETP was operational on the day of inspection.
2. For capacity enhancement of CETP, a new Equalization Tank and Aeration Tank (MBBR Technology) have been constructed and a Primary Lamella Settler was under construction.
3. Treated effluent from CETP is discharged and stored into the lagoon. The Lagoon was found completely filled. Overflow of the lagoon is discharged through adjacent drain into Sukhi River which is the violation of CCA condition of maintaining ZLD status.
4. Analysis result of the sample taken from CETP outlet shows pH - 7.41 against norms of 6.5-9.0, TSS - 37 mg/l against norms of 100 mg/l and BOD - 14 mg/l against norms of 30 mg/l which indicate compliance w.r.t. prescribed treated effluent norms.
5. Analysis result of the sample taken from lagoon shows pH - 7.48 against norms of 6.5-9.0, TSS - 49 mg/l against norms of 100 mg/l and BOD - 48 mg/l against norms of 30 mg/l which indicate **non-compliance** w.r.t BOD against prescribed treated effluent norms.


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 **State Infrastructure Development Corporation of Uttarakhand Ltd. (SIDCUL), 29, IIE (IT PARK), Sahastradhara Road, Dehradun-248001, Uttarakhand** to explain the reason of non-compliance of treated effluent stored in lagoon w.r.t. prescribed treated effluent quality standards and not maintaining the ZLD status for CETP, , SIDCUL, Haridwar and **why environmental compensation should not be imposed.**

SIDCUL 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.

(S. P. Singh Parihar)
CHAIRMAN

Copy to:

1. **Chairman,**
Uttarakhand Environment Protection &
Pollution Control Board
29/20 , Nemi Road,
Dehradun, Uttarakhand : To ensure the compliance of the
direction and ensure proper
operation and maintenance of CETP,
SIDCUL, Haridwar
2. **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.
3. **Joint Secretary (CP),**
Ministry of Environment Forests & CC
Indira Paryavaran Bhawan, Jor Bagh Road,
New Delhi-110 003 : For kind information please.
- ✓ 4. **In-charge, IT Division, CPCB** : For uploading on CPCB website.
5. **Guard File, WQM - II Division, CPCB**


(A. Sudhakar)
MEMBER SECRETARY