

No: CP-17/13/2021-UPC-I-HO-CPCB-HO

To,

The Commissioner,
Ludhiana Municipal Corporation,
Mata Rani Chowk,
Ludhiana

DIRECTIONS UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986 FOR NON-COMPLIANCE OF SEWAGE TREATMENT PLANTS BEING OPERATED AT LUDHIANA, PUNJAB

WHEREAS, 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 adverse impacts on human health and aquatic life. Discharge of untreated or partially treated or treated sewage not meeting standards, is further adding to the problem of water pollution; and

WHEREAS, the Central Government had notified the General Discharge Standards of Environmental Pollutants from various sources including municipal wastewater under the Environment (Protection) Act,1986 and the rules framed there under (schedule VI); and

WHEREAS, CPCB had issued directions to Punjab Pollution Control Board vide letter no. No. A-19014/43/06-MON/267 dated 21/04/2015 under Section 18 (1) b of Water (Prevention and Control of Pollution) Act, 1974 to direct Ludhiana Municipal Corporation to develop infrastructure for sewage management and operate STPs as per stipulated norms; and

WHEREAS, CPCB had issued directions to Ludhiana Municipal Corporation (LMC) vide letter No A-14011/1/2015-MON dated 09/10/2015 under Section 5 of the Environment (Protection) Act, 1986 regarding Treatment and Utilization of Sewage for Restoration of water quality of River; and

WHEREAS, the Central Government has notified the Effluent Discharge Standards for Sewage Treatment Plants vide notification dated 13.10.2017; and

WHEREAS, CPCB issued show cause notice to LMC vide letter No. A-14011/1/2015-MON/ dated 05/04/2019 under section 5 of the Environment (Protection) Act, 1986 for non-complying sewage treatment plants and non-installation of OCEMS; and

WHEREAS, CPCB team inspected STPs located in the city of Ludhiana during June 24-25, 2021. It is observed that the STPs located at Balloke - I, Balloke-II, Bhattian-I, and Bhattian-II, Ludhiana are non-complying with respect to the parameters namely BOD (Bio-chemical Oxygen Demand), TSS (Total Suspended Solids) and Fecal Coliforms. Details are tabulated as follows:

Sl. No	STP Location	Date of Inspection	Installed Capacity (MLD)	Parameters				Non-Complying Parameter (s)
				pH	BOD (mg/l)	TSS (mg/l)	Fecal Coliform (in MPN/100 ml)	
Effluent Standards for STP				6.5-9.0	20	50	1000	
1	Balloke -I	24.06.2021	152	3.1	20	76	<1.8	pH & TSS
2	Balloke -II	24.06.2021	105	6.9	30	57	24 x 10 ²	BOD, TSS & FC
3	Bhattian-I	25.06.2021	111	7.05	91.3	242	3.3 x 10 ⁷	BOD, TSS & FC
4	Bhattian-II	25.06.2021	50	7.18	68.9	43.1	5.4 x 10 ⁸	BOD & FC

WHEREAS, it is evident from the above observations that STPs located at Balloke and Bhattian in Ludhiana, Punjab have violated effluent discharge standards for STP and discharging partially treated effluent and posing potential threat to the surrounding environment; and

WHEREAS, it is obvious that non-compliance by the STPs operated by Ludhiana Municipal Corporation is continuing. As a result, water quality of river Satluj is getting

adversely affected and there is a need to prevent further deterioration of the water quality of natural water resources; and

WHEREAS, Hon'ble NGT in the matter of O.A No 593/2017 [WP (Civil) No 375/2012] dated 31/08/2018 has directed CPCB as under:

"The CPCB may take penal action for failure, if any, against those accountable for setting up and maintaining STPs, CETP and ETPs. CPCB may also assess and recover compensation for damage to the environment."

WHEREAS, CPCB prepared a methodology for levying penalty in reference to Hon'ble NGT order dated 31/08/2018 for discharge in violation of consent conditions mainly prescribed standards/consent limits; and

WHEREAS, as per methodology, Environmental Compensation (EC) is calculated as $P.I \times N \times R \times S \times L.F$. P.I is category of industry, R is factor in rupees, S is factor for scale of operation and L.F is location factor. N is number of days of non-compliance and in present case N is 20 Days (from date of Inspection to date of file processing, 26.06.2021 to 14.07.2021). EC for violation of single STP per day is estimated to Rs 46,875.

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 Environment (Protection) Act, 1986, show cause notice is hereby served to Ludhiana Municipal Corporation to explain the reasons as to why Environment Compensation of **Rs 37,50,000 (Thirty Seven Lakh Fifty thousand only) should not be levied** for non-compliances of above-mentioned 4 STPs with respect to effluent discharge standards for STPs.

Ludhiana Municipal Corporation shall submit reply, compliance report/time bound action plan in compliance to direction issued to CPCB office within 15 days from the date of receipt of this notice falling which appropriate action as per the provisions of the Environment (Protection) Act, 1986/ National Green Tribunal Act, 2010 including prosecution will be initiated.

(Naresh Pal Gangwar)
Chairman

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Copy to:

1. **The Secretary,**
Ministry of Environment, Forests & Climate Change
Indira Paryavaran Bhawan, Aliganj, Jorbagh Road,
New Delhi-110003
2. **The Secretary**
Ministry of Jal Shakti
626, Shram Shakti Bhawan, Rafi Marg,
New Delhi 110001
3. **The Secretary**
Ministry of Housing and Urban Affairs
Mulana Azad Road, Rajpath Area,
Central Secretariat, New Delhi- 110001
4. **The Mission Director,**
National Mission for Clean Ganga,
(Ministry of Jal Shakti),
Rear Wing, 3rd Floor, MDDS Building
9, CGO Complex, Lodi Road,
New Delhi-110003
5. **The Chairman,**
Punjab Pollution Control Board,
Vatavaran Bhavan, Nabha Road,
Patiala - 147 001
6. **DH-IT Division , CPCB Delhi**
7. **DH-WQM-I Division, CPCB Delhi**


(Prashant Gargava)
Member Secretary

