



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

Date: 24.09.2021

No. CP-24/5/2021-UPC-I-HO-CPCB-HO

7203

To,

The Chairman,  
Delhi Pollution Control Committee  
4th and 5th Floor, ISBT Building,  
Kashmere Gate, Delhi-110006

**DIRECTIONS UNDER SECTION 18 (1) (b) OF THE WATER (PREVENTION AND CONTROL OF POLLUTION) ACT, 1986 FOR ENSURING 100% COLLECTION AND TREATMENT OF DOMESTIC AND INDUSTRIAL WASTEWATERS GENERATED IN THE CATCHMENT OF SHAHDARA DRAIN**

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 (SPCB) constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to inspect sewage or trade effluents works and plants created for treatment of sewage and trade effluents and to review plans, specifications or other data relating to plants set up for the treatment of water and wastewater and the system for the disposal of sewage or trade effluents or in connection with the grant of any consent as required by this act; and

WHEREAS, sewage is a major cause for poor water quality in rivers and adversely impacts human health and aquatic life. Discharge of untreated, partially treated and treated sewage not meeting standards is further adding to the problem of water pollution and very sizeable gap exists in generation and treatment of sewage at Delhi; and

Whereas, CPCB had issued directions to Delhi Pollution Control Committee vide letter no. No. A-19014/43/06-MON dated 21/04/2015 under Section 18 (1) (b) of Water (Prevention and Control of Pollution) Act, 1974 to direct Delhi Jal Board (DJB) to develop infrastructure for sewage management and operate STPs within stipulated norms; and

Whereas, Hon'ble NGT in the matter of OA no. 06 of 2012 titled as Manoj Mishra Vs Union of India vide Order dated 11.09.2019 directed DJB as follows:

1. DJB to complete task of setting up of STPs by 31.12.2020.
2. DJB is directed to adhere to the timelines with regard to Interceptor Sewer Project (ISP) and treat all the 242 MGD sewage by 31.12.2019

3. *The operational deficiencies of the existing STPs must be rectified within three months from the issue of directions*
4. *The DJB and NDMC to identify and plug the sources of sewage within two months positively and report compliance to Monitoring Committee*

**Whereas,** Hon'ble NGT in its Order dated 28.08.2019 in the matter of OA No. 593/2017 titled Paryavaran Suraksha Samiti & Anr. v/s Union of India & Ors directed that *All the Local Bodies and/or concerned departments of the State Government have to ensure 100% treatment of the generated sewage and in default to pay compensation, which is to be recovered by the States/UTs, with effect from 01.04.2020. In default of such collection, the States/UTs are liable to pay such compensation as decided by NGT vide order dated 28.08.2019 which the CPCB is to collect and utilize for restoration of the environment; and*

**Whereas,** CPCB has been carrying out water quality monitoring of 22 drains discharging into river Yamuna at Delhi on monthly basis. Inspection of drains was carried out on 09/11/2020 for verification of the status of tapping of drains. Brief observations of Status report were as follows:

- a. 14 Drains namely Sonia Vihar, Najafgarh Drain, Kailash Nagar Drain, Shastri Park drain, Sen Nursing Home drain, Tughlaqabad drain, Abul Fazal Drain, Civil Military Drain, Barapullah, Maharani Bagh, Jaitpur Drain, ISBT drain, Molaband Drain and Shahdara drain are found untapped and do not have any infrastructure for diversion.
- b. 07 drains namely Magazine road drain, Sweeper Colony drain, Khyber Pass, Metcalf House, Tonga Stand Drain, Delhi Gate drain, Sarita Vihar drain has infrastructure for diversion and tapping of wastewater.
- c. Out of 07 drains, 05 drains (Magazine road drain, Sweeper Colony drain, Khyber Pass, Metcalf House, Tonga Stand Drain) are 100% tapped and no flow at downstream of interception is observed.
- d. Overflow at 02 drains (Delhi Gate drain, Sarita Vihar drain) into river Yamuna are observed.
- e. No Flow is observed at Drain no. 14.

**Whereas,** Water Quality Data of river Yamuna monitored by CPCB for the month of October, 2020 depict that Water Quality was not meeting the Primary Water Quality Criteria for bathing standards in entire Delhi stretch except at Palla village. Dissolved Oxygen was observed as 0.3 mg/litre at Nizamuddin and Okhla Barrages whereas BOD was observed as 19 mg/litre at Nizamuddin and 12 mg/litre at Okhla Barrage; and

WHEREAS, in view of the above-mentioned non-compliance, CPCB had issued directions vide letter dated 26.11.2020 under section 5 of Environment (Protection) Act, 1974 to Delhi Jal Board for ensuring 100 % collection and treatment of domestic wastewater generated in the region of NCT of Delhi; and

Whereas, in order to investigate the complaint received from Shri Balbir Punj, Hon'ble Ex-Member, Rajya Sabha and resident of sector-17, Noida, a team of officers from CPCB visited the Shahdara drain on 29.6.2021. Samples of wastewater of Shahdara drain (at 02 locations) and Kondli STP were collected and analysed for Physico-chemical parameters. The analytical results are mentioned below:

S. No.	Location	Parameters				
		pH	COD (mg/l)	BOD (mg/l)	TSS (mg/l)	NH <sub>3</sub> -N (mg/l)
1.	Shahdara Drain at Chilla Border	7.0	284	90	207	35
2.	Kondli STP Outlet	7.1	294	50	216	34
3.	Shahdara Drain before conference with river Yamuna	7.0	272	79	163	31

It is obvious that quality of water at the outlet of Kondli STP is not complying with the prescribed standards in respect of BOD, COD, and TSS. Further, waste-water flowing through the drain is having high organic load with BOD in range of 79-90 mg/l and COD: 272 - 284 mg/l and NH<sub>3</sub>-N: 31-35 mg/l. Such high loads are generating anaerobic environment in the drain. Foul gases like CH<sub>4</sub>, H<sub>2</sub>S and NH<sub>3</sub>-N are also generated which produce bad odour. It is evident that untreated / partially treated wastewater is being discharged into Shahdara drain; and

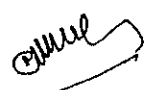
WHEREAS, based on inspection conducted by CPCB on 29.06.2021, DPCC, DJB, Delhi Irrigation and Flood Control Department was requested to provide action plan for abatement of pollution of Shahdara drain vide letter dated 01.07.2021. Accordingly, DPCC vide letter dated 26.08.2021 forwarded the reference to DJB. Reply of Delhi Irrigation and Flood Control Department is attached. No reply received from Delhi Jal Board.

**NOW, THEREFORE,** in view of the above non-compliance and in exercise of the powers conferred under section 18 (1) (b) of the Water (Prevention & Control of Pollution) Act 1974, the Chairman, Delhi Pollution Control Committee is hereby directed as follows:

1. DPCC shall direct Delhi Jal Board to ensure that entire sewage generated at the catchment of Shahdara drain is collected and conveyed to Sewage Treatment Plants (STPs) for treatment as per norms. It shall be ensured that existing STPs are operated at the designed capacity and conform to the prescribed norms.
2. DPCC shall issue direction to Delhi Jal Board for ensuring proper functioning of Kondli STP so as to meet the consented norms.
3. DPCC shall direct DJB to ensure that adequate sewerage system and sewage treatment facilities are developed in catchment of Shahdara drain so that no untreated sewage is discharged into any drain.
4. DPCC shall direct Delhi Jal Board / Delhi Irrigation & Flood Control Department to ensure that dumping of any kind of waste into Shahdara drain and its associated drains are stopped with immediate effect.
5. DPCC shall ensure that time-bound action plans are prepared & executed by concerned State Government departments for abatement of pollution of Shahdara drain and its associated drains. DPCC shall collect and review these action plans and forward to CPCB with latest status by 30.09.2021.
6. DPCC shall ensure that all industrial units in catchment of Shahdara drain have Effluent Treatment Plants of adequate capacities and waste-water from these units are treated as per norms. No industry shall discharge any type of untreated/partially treated effluent into any drain.
7. DPCC shall issue direction to DJB to adhere to the to timelines stipulated in the Order dated 11.09.2019 issued by Hon'ble NGT in the matter of OA no. 06 of 2012 titled as Manoj Mishra Vs Union of India.
8. DPCC shall also consider levying of Environment Compensation on Local Municipal Bodies / State level Authorities and industrial units for discharge of untreated wastewater into Shahdara drain and its associated drains.

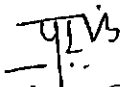
Action taken report shall be submitted by Delhi Pollution Control Committee (DPCC) to CPCB within 30 days from the date of receipt of these directions along-with a time bound action plan for compliance of the directions. DPCC shall also acknowledge the receipt of these directions to CPCB by return fax.

13<sup>th</sup> 27/9/21  
(Tanmay Kumar)  
Chairman



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, 3<sup>rd</sup> Floor, MDDS Building  
9, CGO Complex, Lodi Road, New Delhi-110003
5. DH-WQM-I Division, CPCB Delhi
6. DH-WQM-II Division, CPCB Delhi
- ✓ 7. DH-IT Division, CPCB Delhi

  
(Prashant Gargava)  
Member Secretary

