



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

EMAIL / SPEED POST

F. No.: B-190188/CETP-Banthar/PIAS/WQM-II/CPCB/2019-20 2553 Date: 22.06.2021

To,

The Chairman
M/s Banthar Industrial Pollution Control Company,
UPSIDC, Leather Technology Park (LTP)
Banthar, District - UNNAO (UP)
Email ID: cetp.bipcc@gmail.com

SHOW CAUSE NOTICE UNDER SECTION 5 OF THE ENVIRONMENT (PROTECTION) ACT, 1986.

WHEREAS, the Ministry of Environment, Forest and Climate Change, Govt. of India, vide its notification S.O.157(E) dated 27.02.1996, has delegated the powers vested under Section 5 of the Environment (Protection) Act, 1986 (29 of 1986) to the Chairman, Central Pollution Control Board (CPCB), to issue directions to any industry, Municipal Corporation, Municipal Council, Cantonment Board, 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, 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, CETP at UPSIDC, Leather Technology Park, Banthar, Unnao having design capacity of 4.5 MLD is operated by M/s Banthar Industrial Pollution Control Company (BIPCC), UPSIDC, Leather Technology Park (LTP), Banthar, District-Unnao (UP) (hereinafter referred to as "the CETP, Banthar") to treat effluent generated from member tanneries discharged after treatment through Primary Effluent Treatment Plant (PETP); and

WHEREAS, members of a CETP are jointly and individually responsible for adequate pre-treatment of their effluent, proper operation and maintenance of CETP and for ensuring compliance with effluent discharge norms; and

WHEREAS, Uttar Pradesh Pollution Control Board (UPPCB) in June, 2018 directed tannery units connected with the CETP, Banthar to operate at 50% of the consented capacity to make the generated effluent qualitatively & quantitatively compatible with existing CETP; and

WHEREAS, CPCB issued directions dated 10.05.2019 under section 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 to UPPCB to issue directions to all member tannery units and operating agency of the CETP, Banthar to comply with following directions:

1. All member tanneries connected to the CETP, Banthar shall follow the PETP norms for discharge of Primary treated effluent into the CETP.
2. CETP shall meet the desired effluent discharge standards at the outlet.
3. If CETP does not meet the prescribed effluent discharge standards at outlet, allowed production capacity of member tanneries shall be reduced to ensure that CETP outlet meets the prescribed discharge standards.
4. Member tanneries which do not meet PETP norms or follow directions regarding operations at reduced capacity shall be closed forthwith.

AND WHEREAS, UPPCB vide letter dated 24.05.2019 restricted the disposal of PETP effluent from tannery units connected with the CETP, Banthar to be 25% of the consented capacity; and

WHEREAS, UPPCB vide letter dated 14.11.2019 informed CPCB that the CETP, Banthar started operations on 23.09.2019; and

WHEREAS, the CETP, Banthar was inspected by a team of officials from CPCB on 05.03.2020, 24.09.2020 and 26.11.2020 and following observations were made:

1. The CETP was found operational on all visits.
2. The analysis report of samples collected from CETP inlet & outlet are as under:

Parameters	Inlet of CETP	CETP Inlet Standard (UPPCB)	Outlet of CETP	CETP Outlet Standards (EPA)
Sample Date : 05.03.2020				
pH	9.08	6-9	8.07	6.0-9.0
TSS	1580	600	125	100.0
BOD	1650	-	72.5	100.0
COD	4267	-	377	250.0
Cr (T)	37.6	15	0.64	2.0
FDS	20202	-	19738	2100
Chloride (Cl ⁻)	9646	-	8416	2100
Sulphate (SO ₄ ²⁻)	4730	-	5610	1000
Sulphide (S ²⁻)	170.6	-	29	2
Ammonical Nitrogen (NH ₃ -N)	192	-	106	50
TKN	692	-	580	50
Phenol (C ₆ H ₅ OH)	1.71	-	1.06	1
Sample Date : 24.09.2020				
pH	7.95	6-9	8.2	6.0-9.0
TSS	1214	600	122	100.0
BOD	1208	-	47	100.0
COD	2362	-	196	250.0
Cr (T)	24.4	10	BDL	2.0
FDS	10148	-	12434	2100
Chloride (Cl ⁻)	4030	-	5240	1000
Sulphate (SO ₄ ²⁻)	2669	-	1772	1000
Sulphide (S ²⁻)	-	-	6.99	2
Nitrate (NO ₃ -N)	84.7	-	48.3	10
Sample Date : 26.11.2020				
pH	7.80	6-9	9.03	6.0-9.0
TSS	4526	600	177	100.0
BOD	2410	-	93	100.0
COD	5526	-	304	250.0
Cr (T)	110	10	3.40	2.0
Chloride (Cl ⁻)	6687	-	4638	1000
Sulphate (SO ₄ ²⁻)	2117	-	1780	1000
Sulphide (S ²⁻)	185	-	7.80	2
Nitrate (NO ₃ -N)	69	-	38.6	10
Ammonical Nitrogen (NH ₃ -N)	141	-	69.3	50

All values of parameters are expressed in mg/l except pH.

3. Analysis reports of CETP inlet indicates non-compliance w.r.t the prescribed norms of TSS & Cr (T). It indicates that tannery units are not operating their PETP properly to achieve the chromium & TSS level within discharge norms.
4. Analysis reports of CETP treated effluent at outlet indicates non-compliance w.r.t the prescribed effluent discharge norms of TSS, BOD, COD, Chloride(Cl⁻), Sulphide (S²⁻), Nitrate (NO₃-N), Sulphate (SO₄²⁻) and Ammonical Nitrogen (NH₃-N).

AND WHEREAS, the CETP, Banthar was inspected by a team of officials from CPCB on 15.03.2021 and following observations are made:

1. The CETP was found operational, with inlet flow rate 93.35 m³/hr (2.24 MLD).
2. Analysis result of influent sample collected from CETP inlet showed pH (7.45 against norm of 6.5-9.0), TSS (260 mg/l against norm of 600 mg/l), FDS (9076 mg/l), Chloride (20 mg/l), COD (3240 mg/l) and BOD (950 mg/l) indicating compliance w.r.t pH and TSS.
3. Analysis result of treated effluent sample collected from CETP outlet showed pH (7.69 against norm of 6.0-9.0), TSS (72 mg/l against norm of 100 mg/l), **BOD (140 mg/l against norm of 30 mg/l), COD (560 mg/l against norm of 250 mg/l), FDS (844 mg/l against norm of 2100 mg/l), Chloride (3200 mg/l against norm of 2100 mg/l), Oil & Grease (10 mg/l against norm of 10 mg/l) and Sulphide (30.08 mg/l against norm of 2 mg/l) indicating non-complying w.r.t. BOD, COD, Chloride and Sulphide.**
4. Total chromium results of CETP inlet and final Outlet samples are not available.
5. MLVSS & MLSS values in Aeration tank-I were 4510 mg/l & 5934 mg/l, respectively and Aeration tank-II were 1420 mg/l & 1844 mg/l, respectively.
6. Laboratory analysis results of CETP treated effluent sample collected at outlet shows much variation with analysis results displayed at OCEMS which indicates that OCEMS is not calibrated properly.

It is evident that the CETP, Banthar is not operated properly and discharge partially treated effluent into drains since long time (more than a year) posing potential threat to river Ganga water quality. Influent quality at CETP inlet, received after treatment from PETPs of member tanneries also does not confirm to the prescribed CETP inlet quality standards, indicating that member tanneries are not operating their PETPs properly.

NOW, THEREFORE, in view of the above observations and in exercise of the powers, delegated to the Chairman, CPCB under Section 5 of the Environment (Protection) Act, 1986, show cause notice is hereby served to **M/s Banthar Industrial Pollution Control Company (BIPCC), Banthar, District-Unnao** as to why manufacturing operation of member tanneries the CETP, Banthar should not be closed down till necessary pollution control measures are planned and implemented for compliance with the prescribed effluent discharge norms and as to why environment compensation should not be imposed on BIPCC.

You are hereby given an opportunity to file your objections (if any) to the above proposed directions within 15 days from the receipt of this notice, failing which appropriate action will be taken against the CETP, Banthar and its member tanneries, without giving any further notice, in accordance with provisions of the Environment (Protection) Act, 1986.


(NARESH PAL GANGWAR)
CHAIRMAN

Anoyathi

Copy to:

1. **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.
2. **Joint Secretary (CP-Division),**
Ministry of Environment Forests & CC
Indira Paryavaran Bhawan, Jor Bagh Road,
NEW DELHI-110 003 : For kind information please.
3. **Member Secretary**
Uttar Pradesh Pollution Control Board,
PICUP Bhawan, Vibhuti Khand,
Gomti Nagar, LUCKNOW (UP) : For kind information please.
4. **Regional Director**
Regional Directorate-North
Central Pollution Control Board, PICUP Bhawan,
Vibhuti Khand, Gomti Nagar, LUCKNOW (UP) : For kind information please
- ✓ **In-charge, IT Division, CPCB** : For uploading on CPCB website
please
6. **In-charge, WQM-II Division, CPCB** : For record please


(PRASHANT GARGAVA)
MEMBER SECRETARY