

BEFORE THE NATIONAL GREEN TRIBUNAL**PRINCIPAL BENCH, NEW DELHI****Appeal No. 48/2024****IN THE MATTER OF****Bahadur ke Textiles Knitwear Association****Appellant****Versus****Punjab Pollution Control Board & Ors.****Respondents****INDEX**

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Through

**RICHA KAPOOR
ADVOCATE****Delhi High Court
Lawyers block-I, Chamber No. 407,
New Delhi-110003**

DATED: 24.12.2024

NEW DELHI



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਰੋਕਥਾਮ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD



Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana

E-mail: seezo2ldhppcb@yahoo.com

Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/5809-03

Regd.

Dated 25.09.24

To

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.

Sub: Directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.


Whereas, Bahadur Ke Textile Knitwear Association (SPV for CETP) has installed and is operating the Common Effluent Treatment Plant (CETP) of capacity 15 MLD for treatment of waste water from the cluster of textiles dyeing industries located at Bahadur Ke Road in Ludhiana.

And whereas, earlier the SPV was granted consents to operate under Water (Prevention and Control of Pollution) Act, 1974 vide no. CTOW/Renewal/LDH3/2022/18251904 dated 05.07.2022 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Varied/LDH3/2023/ 20380901 dated 25.04.2023, to operate the CETP of capacity 15 MLD for the treatment of effluent generated from dyeing industries located at Bahadurke Road, Ludhiana, both the consents had expired on 04.01.2023 and 31.03.2024 respectively.

And whereas, since the inception and commissioning, the SPV of 15 MLD capacity is being pursued by the Board from time to time for the compliance of the provisions of environmental laws especially the Water (Prevention and Control of Pollution) Act, 1974 by way of issuing notices, requests, reminders and affording of opportunities of hearing before the Competent Authority. The officers of the Board are also carrying out the monthly monitoring of the Common Effluent Treatment Plant since the commissioning of the CETP.

And whereas, the SPV, BKTKA was given personal hearing before the Chairman of the Board on 16.06.2023 u/s 33-A of Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 for non-achievement of effluent discharge standards at final outlet of CETP 15 MLD. After hearing the representations of the SPV and the officers of the Board and considering the relevant facts of the case, the Chairman of the Board has decided as under:

1. SPV shall submit a time bound proposal for up-gradation and augmentation of the CETP along with PERT Chart so as to achieve the prescribed standards as well as the standards as mentioned in the DPR appraised at the time of approval of financial aid received from the Government for this CETP, within 30 days.
2. SPV shall submit a time bound proposal for 2nd Phase of up-gradation of CETP to ZLD along with PERT Chart as per the condition of Environmental Clearance granted by MoEF&CC, within 30 days.
3. SPV shall take all necessary measures to reduce the concentration of various pollutants at source including pretreatment in the member units wherever required so as to meet with inlet standards of DR at CETP and issue necessary directions to this effect to the member units.
4. Till the up-gradation of CETP, SPV shall operate the existing CETP with best of its ability, adequately and efficiently so as to achieve the prescribed standards.


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5. SPV shall also work on the removal of colour at the final outlet of the CETP to achieve the desired standards as well as to the visual satisfaction.
6. SPV shall submit the performance bank guarantee of remaining amount after deduction of the EC i.e. (2,40,00,000 - 77,62,500 = 1,62,37,500) of Rs. 1,62,37,500/-, within 15 days.
7. SPV shall get installed SCADA enabled flow meters with all the member units at intake supply (submersible pumps / MC supply / other sources) having connectivity with the Online Monitoring System of CETP and access to Punjab Pollution Control Board, within one month to ensure that no bye-pass of effluents is being operated by them. Till the installation of online meters, the industry shall must have EMF or mechanical meter at intake supply for which record is to be maintained on day to day basis.
8. SPV shall provide flow meter, CCTV cameras and Online Monitoring Mechanism at its final outlet leading to Buddha Nallah, within one month.
9. Environmental Compensation for the period of 20.04.2022 to 11.05.2023 (date of last sampling) shall be imposed on the SP for not operating the CET properly and efficiently resulting in non-achievement of results. Regional Office-3, Ludhiana to calculate the amount of Environmental Compensation and obtain necessary approvals.
10. Legal action against the SPV (CETP 15 MLD, Bahadur Ke Road, Ludhiana) and its Directors (M/s Bahadur Ke Textile & Knitwear Association (SPV) as well as CETP operator be initiated in the Competent Court of Jurisdiction.

And whereas, the SPV has not complied with the decisions of the hearing mentioned above from serial no.1 to serial no. 06 as the SPV has neither submitted any proposal to adopt ZLD nor submitted bank guarantee of remaining amount after deduction of the EC.


And whereas, the CETP of capacity 15 MLD installed at Bahadurke Road, Ludhiana for the treatment of effluent generated from the dyeing industries of Bahadurke cluster is fully operational since July 2020 and CETP is being regularly monitored by the Board on monthly basis. The CETP has failed to achieve the stringent discharge standards prescribed by the Board for the CETP since its commissioning.

And whereas, the SPV had applied for renewal of consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and accordingly, CETP 15 MLD was visited by officer of the Board on 11.04.2024 and it was observed as under:

1. CETP was in operation for the treatment of effluent generated from the member dyeing industries. DAF was also in line and operational.
2. CETP had recently added 03 new sludge de-watering machines alongwith 02 existing sludge centrifuge pumps and these newly installed 03 machines were in operation and existing 02 were in standby mode.
3. The recently added 01 wood fired boiler of capacity 01TPH with cyclone separator as an APCD alongwith steam paddler drier was also in operation.
4. During visit effluent was collected and sent to the Board's lab for analysis, as per the analysis report CETP is achieving the discharge standards prescribed by the MoEF&CC except one parameter i.e. TDS but it has failed to achieve stringent discharge standards prescribed by the Board.
5. CETP is complying with the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

And whereas, the SPV has failed to comply with the decisions taken during the personal hearing dated 16.06.2023 and to achieve stringent effluent discharge standards. Thus, the SPV was found violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

And whereas, the SPV was granted Environmental Clearance vide MoEF&CC letter dated 08.12.2014 for the establishment of CETP based on Zero Liquid Discharge (ZLD). Thereafter a follow up meeting of Appraisal Committee on CETP was held in the MoEF&CC on 03.03.2016


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and during the meeting it was decided that the SPV shall install CETP based on conventional treatment method in 1st phase and may adopt ZLD in 2nd phase. Minutes of the said meeting were issued vide MoEF&CC letter dated 18.03.2016, but the SPV has not submitted any proposal till date to adopt 2nd phase i.e. ZLD.

And whereas, the SPV has filed appeals before the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science Technology and Environment against following decisions of the Board:

1. Imposition of EC amounting to Rs. 01 crore to the SPV vide minutes of meeting dated 08.10.2021.
2. Imposition of EC amounting to Rs. 77.625 Lacs to the SPV vide Board's no. 335 dated 4.10.2022
3. Against the decision of the Board to obtain Performance Bank Guarantee of Rs. 2.4 Crores from the SPV.

And whereas, however, above appeals filed by the SPV were decided and dismissed by the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science, Technology and Environment vide orders dated 20.05.2024.

Environmental Compensation (EC) amounting to Rs.1 crore has already been deposited by the SPV and EC amounting to Rs.77.625 lacs has been recovered from the amount of performance bank guarantee of Rs. 2.4 crore earlier submitted by the SPV. However, the SPV has not submitted performance bank guarantee of remaining amount after deduction of the EC amounting to Rs. 77.625 Lac by the Board i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ till date. The appeal filed by the SPV against this BG has already been dismissed by the Appellate Authority.

And whereas, the SPV is not complying with the decisions of the Competent Authority.

And whereas, show cause notice for refusal of consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was issued to the SPV with an opportunity of personal hearing before the Chairman of the Board on 09.07.2024 postponed to 12.07.2024, postponed to 16.07.2024 and postponed to 23.07.2024. No one on behalf of SPV attended the hearing. Considering the request of the SPV, the hearing was further postponed to 09.08.2024. However, no one on behalf of SPV again attended the hearing on 09.08.2024.


And whereas, keeping in view the act and conduct of the SPV, it was observed that the SPV is not serious about resolving the issues / violations reported on part of the CETP and SPV is not attending the hearing being afforded by the Board to avoid the implementation of the provisions of Environmental Laws. After considering all the aspects of the case, the Chairman of the Board decided to proceed ex-parte and has taken the following decisions:

1. The consent to operate applied by the SPV under the Water (Prevention & Control of Pollution) Act, 1974 be refused as ex-parte decision.
2. Notice to issue directions u/s 33-A of the Water Act, 1974 to take measures to control the pollution generated by the CETP, which may include taking legal action against the responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD, be issued to the SPV alongwith an opportunity of personal hearing before the Chairman of the Board.

And whereas, the proceedings were conveyed to the SPV vide Board's letter no. 5336-37 dated 29.08.2024.

And whereas, in compliance to the decisions of hearing the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was refused vide order no. CTOW/Renewal/LDH3/2024/ 25302219 dated 30.08.2024.

And whereas, in compliance of directions of the Central Monitoring Committee (CMC), CPCB has carried out inspection and monitoring of the Buddha Nallah and River Sutlej on 02.04.2024. The CPCB has also carried out inspection of 04 CETPS located at Ludhiana on


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22.04.2024 and issued directions u/s 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of four CETPs of Ludhiana. The CETP of capacity 15 MLD was visited by the team of CPCB and following observations were made:

1. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Buddha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
2. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
3. During visit, it was informed to the team that 36 Dyeing/Printing/washing units had obtained membership from CETP and connected to the CETP.
4. Grab samples were collected from the CETP during monitoring. The analysis results of sample collected from CETP outlet reveals that B OD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters were found within the prescribed standards.
5. Further, the grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS: 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.
6. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
7. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT Sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.

And whereas, the SPV is violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

And whereas, Environmental Engineer, Zonal Office-2, Ludhiana brought out that in light of deficiencies as observed by CPCB in operation of the CETPs of Ludhiana installed for dyeing units on its visit on 22.04.2024, the Central Pollution Control Board has issued directions u/s 18(1)(b) of the Water (Prevention & Control of Pollution) Act, 1974 vide letter dated 12.08.2024 to take appropriate action including imposing Environmental Compensation and to ensure that the CETP is operated ensuring:

- a) Operation/ augmentation of the treatment system, appropriately, so as to meet the prescribed discharge standards and to comply with the disposal condition mentioned in the Environmental Clearance by MoEF&CC dated 03.05.2013 and 08.12.2014 in the aforesaid 40 MLD, 50 MLD & 15 MLD CETPs. Further, to stop discharging of treated effluent into Buddha Nallah from 50 MLD, 40 MLD & 15 MLD CETPs.

- b) With valid consent under the Water Act, 1974/ Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 from PPCB and comply with all the conditions mentioned thereof.
- c) Undertaking regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.

And whereas, Punjab Pollution Control Board was further directed by Central Pollution Control Board as under:

- a. To prescribe disposal condition to respective CETPs in accordance with the Environmental Clearance by MoEF&CC dated 03.05.2013 & 08.12.2014.
- b. To prescribe inlet standards for CETP in accordance to the CETP notification dated 01.01.2016.
- c. To regularly undertake verification of member industries of the CETP for ensuring proper operation of PETP/ETP by individual member industry.


And whereas, notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 was issued to the SPV with an opportunity of personal hearing before Chairman of the Board on 13.09.2024 postponed to 18.09.2024.

And whereas, Sh. Lalit Jain, Director of the SPV (CETP of 15 MLD) alongwith Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India attended the hearing and submitted a written reply which was taken on record. The representatives stated that although the EC was obtained by the SPV for ZLD based treatment but later on the project was conceived on the SBR based secondary level treatment. The representatives further contended that other two CETPs of 40 MLD & 50 MLD capacity were duly sanctioned without any condition / requirement for ZLD level treatment. Regarding the submission of Bank Guarantee as per decision of personal hearing afforded to the SPV by Chairman of the Board on 16.06.2023, the representatives informed that the SPV has challenged the said decision by way of filing appeal before the Appellate Authority and the decision is pending. The representatives disagreed with the technical observations as reported by the CPCB and did not find the same acceptable to the SPV and insisted not to penalize the SPV on the basis of the said report. The representatives further informed that the SPV has applied for obtaining the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 with the Board.

And whereas, during hearing, it was observed by the Competent Authority that the SPV has been constantly pursued by the Board to submit proposal for upgradation of the CETP to ZLD technology in consonance with the EC conditions and thus not to discharge its effluent into the Buddha Nallah. However, the SPV has not taken any step in this direction. The Ludhiana city has been declared as critically polluted area due to various reasons and one of the reasons is the activities of the industrial units in violation of the environmental norms. Though the Board has imposed EC and performance Bank Guarantee but the SPV is still violating the provisions of the Water (Prevention and Control of Pollution) Act, 1974.

And whereas, the representatives of the SPV could not give any satisfactory reply to the observations raised during the hearing.

And whereas, after detailed deliberations and hearing the representatives of SPV, officers of the Board and taking into consideration various factors including the seriousness of the issue, the Chairman of the Board observed that the objective to restrain the discharge of effluent into Budha Nallah cannot be achieved except with the issuance of directions. It is a fit case to invoke the provisions of section 33-A of the Water (Prevention and Control of Pollution) Act, 1974 for issuance of suitable directions to the SPV operating the CETP of 15 MLD capacity at Bahadurke Road, Ludhiana. Hence, the Chairman of the Board in exercise of the powers conferred u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 decided to issue the following directions to the SPV of CETP of 15 MLD capacity:


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1. The SPV shall ensure that the operation / augmentation of treatment system of CETP is appropriately made, so as to meet with the prescribed discharge standards and to comply with the disposal conditions mentioned in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change dated 08.12.2014.

The SPV shall immediately stop the discharge of effluent from the CETP of 15 MLD capacity into Buddha Nallah or any other surface water body.

And whereas, the proceedings of the hearing were conveyed to the industry vide no. 5798-99 dated 25.09.2024.

Now, therefore, the Competent Authority of the Punjab Pollution Control Board, in exercise of the powers conferred upon it u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974, as amended in 1988, issues the following directions:

1. That, the SPV shall meet with the prescribed discharge standards and to comply with the disposal conditions mentioned in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change dated 03.05.2013.
2. That, the SPV shall immediately stop the discharge of effluent from the CETP of 50 KLD capacity into Buddha Nallah or any other surface water body.


In case of failure to comply with the above said directions, you are liable for action u/s 41 of the Water (Prevention and Control of Pollution) Act 1974 as amended in 1988.

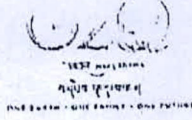
Enst. No. 5804

o/c For and on behalf of
Punjab Pollution Control Board
Dated 25/09/24

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information and necessary action. He is also directed to submit report regarding effective compliance of above said directions, within 3 days positively.

o/c For and on behalf of
Punjab Pollution Control Board


Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana



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

CPCB/PC-VII/CETP-Ludhiana/ 347

Dated: 12.08.2024

To

The Member Secretary
Punjab Pollution Control Board
Vatavaran Bhawan, Nabha Road
Patiala Punjab


Subject: Directions under section III(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance status of four CETPs namely A. 40 MLD CETP- near Central Jail, Tajpur Road (Focal Point Module), Ludhiana, Punjab, B. 50 MLD CETP Tajpur-Rahon Road Cluster, Ludhiana, near Central Jail, Tajpur Road, Ludhiana, Punjab, C. 15 MLD CETP- Bahadurke Road, Ludhiana, Punjab and D. 500 KLD CETP, Plot No. D-260-261, Phase-VIII, Focal Point, Ludhiana, Punjab.

WHEREAS, amongst others, under Section 17 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the State Pollution Control Board (SPCB), (or Pollution Control Committee for Union Territories) constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control or abatement of pollution of streams and wells located in the State and to secure the execution thereof; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, one of the functions of the Central Pollution Control Board (CPCB), constituted under the Water (Prevention & Control of Pollution) Act, 1974 is to coordinate activities of the State Pollution Control Boards and Pollution Control Committees and to provide technical assistance and guidance to SPCBs/PCCs; and

WHEREAS, amongst others, under Section 16 of the Water (Prevention & Control of Pollution) Act, 1974, one of the functions of the Central Pollution Control Board (CPCB), is to promote cleanliness of streams and wells in different areas of the State; 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


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केन्द्रीय प्रदूषण नियंत्रण बोर्ड

दिनांक: 12/08/24

‘परिवेश भवन’ पूर्वी अर्जुन नगर, दिल्ली-110032


Parivesh Bhawan, East Arjun Nagar, New Delhi - 110032

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WHEREAS, there is a need to inculcate the habit of self-monitoring within the CETPs for complying with the prescribed standards and this can be achieved by installing Online Continuous Effluent Monitoring System (OCEMS); and

WHEREAS, four CETPs namely (i) CETP - 40 MLD near Central Jail, Tajpur Road (Focal Point Module), Ludhiana, Punjab, (ii) CETP - 50 MLD Tajpur-Rahon Road Cluster, Ludhiana, near Central Jail, Tajpur Road, Ludhiana, Punjab, (iii) CETP - 15 MLD Bahadurke Road, Ludhiana, Punjab and (iv) CETP - 500 KLD CETP, Plot No. D-260-261, Phase-VIII, Focal Point, Ludhiana, Punjab were inspected by CPCB officials along with officials of Punjab PCB during 22.04.2024 and 23.04.2024 based on the communication of the Central Monitoring Committee (CMC) with CPCB. Following major observations were made:

- A. **CETP - 40 MLD, near Central Jail, Tajpur Road (Focal Point Module), Ludhiana, Punjab (herein after referred as CETP):**
 - I. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 29 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Budha Nallah (which meets River Sutlej) through underground pipeline from CETP. However, as per the Environmental Clearance (EC) issued by MoEF&CC to the CETP dated 03.05.2013, "the treated wastewater will be used for irrigation" and it is also mentioned in the special terms & conditions that, "There shall be no discharge into Budha Nallah".
 - II. The consent under the Air Act, 1981 is valid upto 29.12.2024 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 is valid upto 19.12.2024 for the operation of 40 MLD CETP. However, the consent under the Water Act, 1974 was valid till 15.05.2023. The CETP has applied for renewal of consent to PPCB on 07.09.2023.
 - III. It was reported that 72 Dyeing and Printing units have obtained membership from CETP. It was also informed by the CETP operator that inlet norms for CETP is not prescribed in the consent.
 - IV. Grab samples were collected from the CETP during monitoring. The analysis result of samples collected from CETP outlet reveals that BOD:54 mg/l (Standard: 30 mg/l), COD:262 mg/l (Standard:250 mg/l), Chloride:2284 mg/l (Standard: 1000 mg/l) and Sulphide:2.4 mg/L (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters are within the prescribed standards.


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- V. Grab sample were also collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The analysis result reveals that the concentration of MLSS: 4661 mg/l (Designed range: 5000-7000 mg/l) and concentration of MLVSS: 3000 mg/l (Designed range: 3500-4200 mg/l) are less than the designed range, which indicates the poor operation of the SBR.
- VI. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters- pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
- VII. The CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited). The CETP had disposed 3517.235 MT sludge (as per the log book records) during the year 2023-24.
- B. CETP - 50 MLD, Tajpur-Rahon Road Cluster, Ludhiana, near Central Jail, Tajpur Road, Ludhiana, Punjab.**
- I. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 46 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that as per the consent, the CETP is permitted to discharge the treated effluent into Budha Nallah (which meets River Sutlej) through underground pipeline from CETP. However, as per the EC issued by MoEF&CC to the CETP dated 03.05.2013, "the treated wastewater will be used for irrigation" and it is also mentioned in the special terms & conditions that, "*There shall be no discharge into Budha Nallah*".
- II. The consent under the Air Act, 1981 is valid upto 31.03.2026 for the operation of 50 MLD CETP. However, the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.12.2023 and the consent under the Water Act, 1974 was valid till 22.08.2023. The CETP has applied for renewal of consent and authorization to PPCB on 31.08.2023.
- III. It was reported that 110 Dyeing and Printing units have obtained membership from CETP. It was also informed by the CETP operator that inlet norms for CETP is not prescribed in the consent.
- IV. Grab samples were collected from the CETP during monitoring. The analysis result of samples collected from CETP outlet reveals that BOD: 128 mg/l (Standard: 30

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mg/l), COD: 382 mg/l (Standard: 250 mg/l) and Chloride: 1713 mg/l (Standard: 1000 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters are within the prescribed standards.

- V. Grab sample were also collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The analysis result reveals that the concentration of MLSS: 300 mg/l (Designed value: 5000 mg/l) and concentration of MLVSS: 215 mg/l (Designed value: 4000 mg/l) are less than the designed values, which indicates the poor operation of the SBR.
- VI. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated wastewater for the parameters- pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
- VII. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 1597.20 MT sludge during the year 2023-24 through TSD and further, as per log book records, about 173 MT was stored in the premises.

C. CETP - 15 MLD CETP- Bahadurke Road, Ludhiana, Punjab.

- I. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Budha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
- II. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
- III. It was reported that 36 Dyeing/Printing/washing units have obtained membership from CETP and connected to the CETP at the time of visit. It was also informed by the CETP operator that inlet norms for CETP is not prescribed in the consent.

- IV. Grab samples were collected from the CETP during monitoring. The analysis results of sample collected from CETP outlet reveals that BOD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters are within the prescribed standards.
- V. Grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS: 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.
- VI. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters- pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
- VII. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.
- D. **CETP - 500 KLD CETP, Plot No. D-260-261, Phase-VIII, Focal Point, Ludhiana, Punjab.**
- I. During the visit on 23.04.2024, the CETP was found operational with the flow rate of 450 KLD. It is informed that the CETP receives effluent through dedicated tankers from member units through vehicles (56 in number) equipped with GPS system for carrying effluent. The CETP comprised of physico-chemical process followed by filtration, two stage Reverse Osmosis (RO) followed by evaporator to achieve ZLD as per the consent and EC condition.
- II. The Air consent is valid upto 30.06.2028 and the Water consent is valid upto 30.06.2027 for the operation of 500 KLD CETP. However, the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 16.06.2021. It was informed that the CETP has applied for renewal of authorization to PPCB on 01.10.2021.
- III. It was reported that 1613 Electroplating industries / Metal Surface Treatment units have obtained membership from CETP and connected to the CETP at the time of


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visit. It was also informed by the CETP operator that inlet norms for CETP is not prescribed in the consent.

- IV. On the day of visit, it was observed that the flow meters are installed at RO Feed, RO Reject, Evaporators Vessels feed and Evaporator concentrate. It was reported that the CETP have not installed differential pressure gauge system at Cation-Anion and Carbon filter systems which can be used to indicate the choking/scaling of filtration system.
- V. During the visit, grab samples were collected from the RO outlet of CETP. The analysis result reveals that treated effluent is complying with the notified discharge standards. Discharge of effluent from the CETP premises was not observed during visit. It is reported that treated effluent (RO Permeate and Condensate) is used for cooling tower makeup water, plantation, gardening, watering to MC parks, DC office, NH-95, construction work. The CETP has also made agreement with M/s Vardhman Special Steels Limited C-58, Focal point Phase-3, Ludhiana, to take 100 KLD treated effluent through tankers for using in different purpose as per requirement. Furthermore, the CETP operator has maintained the records of the treated effluent taken by the users for gardening, construction activities & industrial use and others. The CETP has established an Environmental laboratory.
- VI. The CETP has installed OCEMS (Electromagnetic flow meter, PTZ camera) at the final outlet / RO permeate which is connected to CPCB/PPCB portal in compliance of CPCB directions.
- VII. The CETP has installed 05 KLD STP with Moving Bed Biofilm Reactor (MBBR) for treatment of domestic wastewater.

AND, NOW, THEREFORE, in exercise of powers conferred under section 18(1) (b) of the Water (Prevention & Control of Pollution) Act, 1974 and Air (Prevention and control of pollution) Act, 1981, Punjab Pollution Control Board (PPCB) is hereby directed to take appropriate action including imposing environmental compensation and to ensure that CETPs are operated ensuring.


- a. Operation/augmentation of the treatment system, appropriately, so as to meet the prescribed discharge standards and to comply with the disposal condition mentioned in the Environmental clearance by MoEF & CC dated 03.05.2013 and 08.12.2014 in the aforesaid 40 MLD, 50 MLD and 15 MLD CETPs. Further, to stop discharging of treated effluent into Buddha Nallah from the 50 MLD CETP, 40 MLD CETP and 15 MLD CETPs.

- b. With valid consent under the Water Act-1974 / Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 from PPCB and comply with all the conditions mentioned thereof.
- c. Undertaking regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.

Further, PPCB is also hereby directed:


- a. To prescribe disposal condition to respective CETPs in accordance with the Environmental clearance by MoEF&CC dated 03.05.2013 and 08.12.2014.
- b. To prescribe the inlet standard for CETP in accordance to the CETP notification dated 01.01.2016.
- c. To regularly undertake verification of member industries of the CETP for ensuring proper operation of PETP/ETP by individual member industry.

The action taken by PPCB be intimated to CPCB within 15 days of receipt of these directions.

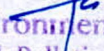

(Bharat Kumar Sharma)
 Member Secretary


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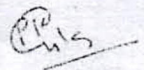
1. **The Chairman** : for information, please.
 Punjab Pollution Control Board
 Vatavaran Bhawan, Nabha Road
 Patiala Punjab
2. **The Additional Secretary (CP Division)** : for information, please.
 Ministry of Environment, Forests & Climate Change,
 Prithvi Wing, 2nd Floor, Indira Paryavaran
 Bhawan, Jor Bagh Road,
 New Delhi-110 003.


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3. **The Regional Director (Chandigarh)** : for follow-up, please.
Central Pollution Control Board
BSNL Telephone Exchange, 2nd Floor
Sector - 49C, Chandigarh - 160047
4. **Divisional Head, WQM-I,** : for information, please.
CPCB, Delhi
5. **Divisional Head, IPC-VI,** : for information, please.
CPCB, Delhi
6. **Divisional Head, IT** : for uploading on CPCB
CPCB, Delhi website, please.


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(Bharat Kumar Sharma)



o/c



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਰੋਕਥਾਮ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD



Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana

E-mail: seezo2ldhppcb@yahoo.com

Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/5298-99

Regd.

Dated 25/09/24

To

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.

Sub: Proceedings of the personal hearing given by Chairman of the Board on 18.09.2024 w.r.t notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.

The following were present:

On behalf of PPCB

Er. G S. Majithia, Member Secretary

Er. Pardeep Gupta, CEE, Ludhiana

Er. Kuldeep Singh, SEE, ZO-2, Ludhiana

Er. Nikhil Gupta, EE, ZO-2, Ludhiana

On behalf of SPV


Sh. Lalit Jain, Director

Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India

Environmental Engineer, Zonal Office-2, Ludhiana brought out that Bahadur Ke Textile Knitwear Association (SPV for CETP) has installed and is operating the Common Effluent Treatment Plant (CETP) of capacity 15 MLD for treatment of waste water from the cluster of textiles dyeing industries located at Bahadur Ke Road in Ludhiana.

Earlier the SPV was granted consents to operate under Water (Prevention and Control of Pollution) Act, 1974 vide no. CTOW/Renewal/LDH3/2022/18251904 dated 05.07.2022 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Varied/LDH3/2023/20380901 dated 25.04.2023, to operate the CETP of capacity 15 MLD for the treatment of effluent generated from dyeing industries located at Bahadurke Road, Ludhiana, both the consents had expired on 04.01.2023 and 31.03.2024 respectively.


Since the inception and commissioning, the SPV of 15 MLD capacity is being monitored by the Board from time to time for the compliance of the provisions of environmental laws, especially the Water (Prevention and Control of Pollution) Act, 1974 by way of issuing notices, requests, reminders and affording of opportunities of hearing before the competent


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Authority. The officers of the Board are also carrying out the monthly monitoring of the Common Effluent Treatment Plant since the commissioning of the CETP.

The SPV, BKTKA was given personal hearing before the Chairman of the Board on 16.06.2023 u/s 33-A of Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 for non-achievement of effluent discharge standards at final outlet of CETP-15 MLD. After hearing the representations of the SPV and the officers of the Board and considering the relevant facts of the case, the Chairman of the Board has decided as under:

1. SPV shall submit a time bound proposal for up-gradation and augmentation of the CETP along with PERT Chart so as to achieve the prescribed standards as well as the standards as mentioned in the DPR appraised at the time of approval of financial aid received from, the Government for this CETP, within 30 days.
2. SPV shall submit a time bound proposal for 2nd Phase of up-gradation of CETP to ZLD along with PERT Chart as per the condition of Environmental Clearance granted by MoEF&CC, within 30 days.
3. SPV shall take all necessary measures to reduce the concentration of various pollutants at source including pretreatment in the member units wherever required so as to meet with inlet standards of DR at CETP and issue necessary directions to this effect to the member units.
4. Till the up-gradation of CETP, SPV shall operate the existing CETP with best of its ability, adequately and efficiently so as to achieve the prescribed standards.
5. SPV shall also work on the removal of colour at the final outlet of the CETP to achieve the desired standards as well as to the visual satisfaction.
6. SPV shall submit the performance bank guarantee of remaining amount after deduction of the EC i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ of Rs. 1,62,37,500/-, within 15 days.
7. SPV shall get installed SCADA enabled flow meters with all the member units at intake supply (submersible pumps / MC supply / other sources) having connectivity with the Online Monitoring System of CETP and access to Punjab Pollution Control Board, within one month to ensure that no bye-pass of effluents is being operated by them. Till the installation of online meters, the industry shall must have EMF or mechanical meter at intake supply for which record is to be maintained on day to day basis.
8. SPV shall provide flow meter, CCTV cameras and Online Monitoring Mechanism at its final outlet leading to Buddha Nallah, within one month.
9. Environmental Compensation for the period of 20.04.2022 to 11.05.2023 (date of last sampling) shall be imposed on the SP for not operating the CET properly and efficiently resulting in non-achievement of results. Regional Office-3, Ludhiana to calculate the amount of Environmental Compensation and obtain necessary approvals.


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10. Legal action against the SPV (CETP 15 MLD, Bahadur Ke Road, Ludhiana) and its Directors (M/s Bahadur Ke Textile & Knitwear Association (SPV) as well as CETP operator be initiated in the Competent Court of Jurisdiction.

The SPV has not complied with the decisions of the hearing mentioned above from serial no.1 to serial no. 06 as the SPV has neither submitted any proposal to adopt ZLD nor submitted bank guarantee of remaining amount after deduction of the EC.


The CETP of capacity 15 MLD installed at Bahadurke Road, Ludhiana for the treatment of effluent generated from the dyeing industries of Bahadurke cluster is fully operational since July 2020 and CETP is being regularly monitored by the Board on monthly basis. The CETP has failed to achieve the stringent discharge standards prescribed by the Board for the CETP since its commissioning.

The SPV had applied for renewal of consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and accordingly CETP 15 MLD was visited by officer of the Board on 11.04.2024 and it was observed as under:

1. CETP was in operation for the treatment of effluent generated from the member dyeing industries. DAF was also in line and operational.
2. CETP had recently added 03 new sludge de-watering machines alongwith 02 existing sludge centrifuge pumps and these newly installed 03 machines were in operation and existing 02 were in standby mode.
3. The recently added 01 wood fired boiler of capacity 01TPH with cyclone separator as an APCD alongwith steam paddler drier was also in operation.
4. During visit effluent was collected and sent to the Board's lab for analysis, as per the analysis report CETP is achieving the discharge standards prescribed by the MoEF&CC except one parameter i.e. TDS but it has failed to achieve stringent discharge standards prescribed by the Board
5. CETP is complying with the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

The SPV has failed to comply with the decisions taken during the personal hearing dated 16.06.2023 and to achieve stringent effluent discharge standards. Thus, the SPV was found violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

The SPV was granted Environmental Clearance vide MoEF&CC letter dated 08.12.2014 for the establishment of CETP based on Zero Liquid Discharge (ZLD). Thereafter a follow up meeting of Appraisal Committee on CETP was held in the MoEF&CC on 03.03.2016 and during the meeting it was decided that the SPV shall install CETP based on conventional treatment method in 1st phase and may adopt ZLD in 2nd phase. Minutes of the said meeting


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were issued vide MoEF&CC letter dated 18.03.2016, but the SPV has not submitted any proposal till date to adopt 2nd phase i.e. ZLD.

The SPV has filed appeals before the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science Technology and Environment against following decisions of the Board:

1. Imposition of EC amounting to Rs. 01 crore to the SPV vide minutes of meeting dated 08.10.2021.
2. Imposition of EC amounting to Rs. 77.625 Lacs to the SPV vide Board's no. 335 dated 4.10.2022
3. Against the decision of the Board to obtain Performance Bank Guarantee of Rs. 2.4 Crores from the SPV.

However, above appeals filed by the SPV were decided and dismissed by the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science, Technology and Environment vide orders dated 20.05.2024.


Environmental Compensation (EC) amounting to Rs.1 crore has already been deposited by the SPV and EC amounting to Rs.77.625 lacs has been recovered from the amount of performance bank guarantee of Rs. 2.4 crore earlier submitted by the SPV. However, the SPV has not submitted performance bank guarantee of remaining amount after deduction of the EC amounting to Rs. 77.625 Lac by the Board i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ till date. The appeal filed by the SPV against this BG has already been dismissed by the Appellate Authority.

The SPV is not complying with the decisions of the Competent Authority.

Show cause notice for refusal of consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was issued to the SPV with an opportunity of personal hearing before the Chairman of the Board on 09.07.2024 postponed to 12.07.2024, postponed to 16.07.2024 and postponed to 23.07.2024. No one on behalf of SPV attended the hearing. Considering the request of the SPV, the hearing was further postponed to 09.08.2024. However, no one on behalf of SPV again attended the hearing on 09.08.2024.

Keeping in view the act and conduct of the SPV, it was observed that the SPV is not serious about resolving the issues / violations reported on part of the CETP and SPV is not attending the hearing being afforded by the Board to avoid the implementation of the provisions of Environmental Laws. After considering all the aspects of the case, the Chairman of the Board decided to proceed ex-parte and has taken the following decisions:

1. The consent to operate applied by the SPV under the Water (Prevention & Control of Pollution) Act, 1974 be refused as ex-parte decision.
2. Notice to issue directions u/s 33-A of the Water Act, 1974 to take measures to control the pollution generated by the CETP, which may include taking legal action against the


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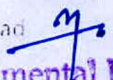
responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD, be issued to the SPV alongwith an opportunity of personal hearing before the Chairman of the Board.

The proceedings were conveyed to the SPV vide Board's letter no. 5336-37 dated 29.08.2024.

In compliance to the decisions of hearing the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was refused vide no. CTOW/Renewal/LDH3/2024/25302219 dated 30.08.2024.

In compliance of directions of the Central Monitoring Committee (CMC), CPCB has carried out inspection and monitoring of the Buddha Nallah and River Sutlej on 02.04.2024. The CPCB has also carried out inspection of 04 CETPS located at Ludhiana on 22.04.2024 and issued directions u/s 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of four CETPs of Ludhiana. The CETP of capacity 15 MLD was visited by the team of CPCB and following observations were made:

1. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Buddha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
2. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
3. During visit, it was informed to the team that 36 Dyeing/Printing/washing units had obtained membership from CETP and connected to the CETP.
4. Grab samples were collected from the CETP during monitoring. The analytical sample collected from CETP outlet reveals thats B OD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters were found within the prescribed standards.
5. Further, the grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed


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value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.

6. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
7. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT Sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.

The SPV is violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

Environmental Engineer, Zonal Office-2, Ludhiana brought out that in light of deficiencies as observed by CPCB in operation of the CETPs of Ludhiana installed for dyeing units on its visit on 22.04.2024, the Central Pollution Control Board has issued directions u/s 18(1b) of the Water (Prevention & Control of Pollution) Act, 1974 vide letter dated 12.08.2024 to take appropriate action including imposing Environmental Compensation and to ensure that the CETP is operated ensuring:

- d) Operation/ augmentation of the treatment system, appropriately, so as to meet the prescribed discharge standards and to comply with the disposal condition mentioned in the Environmental Clearance by MoEF&CC dated 03.05.2013 and 08.12.2014 in the aforesaid 40 MLD, 50 MLD & 15 MLD CETPs. Further, to stop discharging of treated effluent into Buddha Nallah from 50 MLD, 40 MLD & 15 MLD CETPs.
- e) With valid consent under the Water Act, 1974/ Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 from PPCB and comply with all the conditions mentioned thereof.
- f) Undertaking regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.

Punjab Pollution Control Board was further directed by Central Pollution Control Board as under:

- d. To prescribe disposal condition to respective CETPs in accordance with the Environmental Clearance by MoEF&CC dated 03.05.2013 & 08.12.2014.
- e. To prescribe inlet standards for CETP in accordance to the CETP notification dated 01.01.2016.


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- f. To regularly undertake verification of member industries of the CETP for ensuring proper operation of PETP/ETP by individual member industry.


Notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 was issued to the SPV with an opportunity of personal hearing before Chairman of the Board on 13.09.2024 postponed to 18.09.2024.

Sh. Lalit Jain, Director of the SPV (CETP of 15 MLD) alongwith Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India attended the hearing and submitted a written reply which was taken on record. The representatives stated that although the EC was obtained by the SPV for ZLD based treatment but later on the project was conceived on the SBR based secondary level treatment. The representatives further contended that other two CETPs of 40 MLD & 50 MLD capacity were duly sanctioned without any condition / requirement for ZLD level treatment. Regarding the submission of Bank Guarantee as per decision of personal hearing afforded to the SPV by Chairman of the Board on 16.06.2023, the representatives informed that the SPV has challenged the said decision by way of filing appeal before the Appellate Authority and the decision is pending. The representatives disagreed with the technical observations as reported by the CPCB and did not find the same acceptable to the SPV and insisted not to penalize the SPV on the basis of the said report. The representatives further informed that the SPV has applied for obtaining the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 with the Board.

During hearing, it was observed by the Competent Authority that the SPV has been constantly pursued by the Board to submit proposal for upgradation of the CETP to ZLD technology in consonance with the EC conditions and thus not to discharge its effluent into the Buddha Nallah. However, the SPV has not taken any step in this direction. The Ludhiana city has been declared as critically polluted area due to various reasons and one of the reasons is the activities of the industrial units in violation of the environmental norms. Though the Board has imposed EC and performance Bank Guarantee but the SPV is still violating the provisions of the Water (Prevention and Control of Pollution) Act, 1974.

The representatives of the SPV could not give any satisfactory reply to the observations raised during the hearing.

After detailed deliberations and hearing the representatives of SPV Board and taking into consideration various factors including the seriousness of the issue, the Chairman of the Board observed that the objective to restrain the discharge of effluent into Budha Nallah cannot be achieved except with the issuance of directions. It is a fit case to invoke the provisions of section 33-A of the Water (Prevention and Control of Pollution) Act, 1974 for issuance of suitable directions to the SPV operating the CETP of 15 MLD capacity at Bahadurke Road, Ludhiana. Hence, the Chairman of the Board in exercise of the powers conferred u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 decided to issue the following directions to the SPV of CETP of 15 MLD capacity:


Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

1. The SPV shall ensure that the operation / augmentation of treatment system of CETP is appropriately made, so as to meet with the prescribed discharge standards and to comply with the disposal conditions mentioned in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change dated 08.12.2014.
2. The SPV shall immediately stop the discharge of effluent from the CETP of 15 MLD capacity into Buddha Nallah or any other surface water body.

Apart from the issuance of directions u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 to the SPV of 15 MLD CETP the concerned Environmental Engineer of Regional Office-3, Ludhiana may also be directed by making endorsement of the above order to carry out the following actions:

- a. To calculate the Environmental Compensation since the start of CETP considering continued violations being committed by the SPV by way of discharging its effluent into the Budha Nallah in violation of the conditions of Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change by adjusting the period / amount of the EC already imposed by the Board and deposited by the SPV.
- b. To process the consent application of the SPV pending with the Board, immediately on merits.

To personally ensure the compliance of above said decisions and submit report with recommendations without any delay.

You are, therefore, requested to comply with the decisions of the personal hearing within stipulated period and submit compliance report to the Board.

Endst. No...5800.....

For and on behalf of
Punjab Pollution Control Board
Dated ..25/09/24


A copy of the above is forwarded to the Member Secretary, Central Pollution Control Board, Parivesh Bhawan, New Arjun Nagar, Delhi- 110032 for kind information & necessary action, please.

Endst. No...5801.....

For and on behalf of
Punjab Pollution Control Board
Dated ..25/09/24

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information & necessary action.

For and on behalf of
Punjab Pollution Control Board


Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਰੋਕਥਾਮ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD



Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana

E-mail: seezo2ldhppcb@yahoo.com

Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/5378-99

Regd.

Dated 25/09/24

To

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.

Sub: Proceedings of the personal hearing given by Chairman of the Board on 18.09.2024 w.r.t notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.

The following were present:

On behalf of PPCB

Er. G.S. Majithia, Member Secretary

Er. Pardeep Gupta, CEE, Ludhiana

Er. Kuldeep Singh, SEE, ZO-2, Ludhiana

Er. Nikhil Gupta, EE, ZO-2, Ludhiana

On behalf of SPV

Sh. Lalit Jain, Director

Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India



Environmental Engineer, Zonal Office-2, Ludhiana brought out that Bahadur Ke Textile Knitwear Association (SPV for CETP) has installed and is operating the Common Effluent Treatment Plant (CETP) of capacity 15 MLD for treatment of waste water from the cluster of textiles dyeing industries located at Bahadur Ke Road in Ludhiana.

Earlier the SPV was granted consents to operate under Water (Prevention and Control of Pollution) Act, 1974 vide no. CTOW/Renewal/LDH3/2022/18251904 dated 05.07.2022 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Varied/LDH3/2023/20380901 dated 25.04.2023, to operate the CETP of capacity 15 MLD for the treatment of effluent generated from dyeing industries located at Bahadurke Road, Ludhiana, both the consents had expired on 04.01.2023 and 31.03.2024 respectively.

Since the inception and commissioning, the SPV of 15 MLD capacity is being pursued by the Board from time to time for the compliance of the provisions of environmental laws especially the Water (Prevention and Control of Pollution) Act, 1974 by way of issuing notices, requests, reminders and affording of opportunities of hearing before the Competent

Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

Authority. The officers of the Board are also carrying out the monthly monitoring of the Common Effluent Treatment Plant since the commissioning of the CETP.

The SPV, BKTKA was given personal hearing before the Chairman of the Board on 16.06.2023 u/s 33-A of Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 for non-achievement of effluent discharge standards at final outlet of CETP-15 MLD. After hearing the representations of the SPV and the officers of the Board and considering the relevant facts of the case, the Chairman of the Board has decided as under:

1. SPV shall submit a time bound proposal for up-gradation and augmentation of the CETP along with PERT Chart so as to achieve the prescribed standards as well as the standards as mentioned in the DPR appraised at the time of approval of financial aid received from, the Government for this CETP, within 30 days.
2. SPV shall submit a time bound proposal for 2nd Phase of up-gradation of CETP to ZLD along with PERT Chart as per the condition of Environmental Clearance granted by MoEF&CC, within 30 days.
3. SPV shall take all necessary measures to reduce the concentration of various pollutants at source including pretreatment in the member units wherever required so as to meet with inlet standards of DR at CETP and issue necessary directions to this effect to the member units.
4. Till the up-gradation of CETP, SPV shall operate the existing CETP with best of its ability, adequately and efficiently so as to achieve the prescribed standards.
5. SPV shall also work on the removal of colour at the final outlet of the CETP to achieve the desired standards as well as to the visual satisfaction.
6. SPV shall submit the performance bank guarantee of remaining amount after deduction of the EC i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ of Rs. 1,62,37,500/-, within 15 days.
7. SPV shall get installed SCADA enabled flow meters with all the member units at intake supply (submersible pumps / MC supply / other sources) having connectivity with the Online Monitoring System of CETP and access to Punjab Pollution Control Board, within one month to ensure that no bye-pass of effluents is being operated by them. Till the installation of online meters, the industry shall must have EMF or mechanical meter at intake supply for which record is to be maintained on day to day basis.
8. SPV shall provide flow meter, CCTV cameras and Online Monitoring Mechanism at its final outlet leading to Buddha Nallah, within one month.
9. Environmental Compensation for the period of 20.04.2022 to 11.05.2023 (date of last sampling) shall be imposed on the SP for not operating the CET properly and efficiently resulting in non-achievement of results. Regional Office-3, Ludhiana to calculate the amount of Environmental Compensation and obtain necessary approvals.


Environmental Engineer
Punjab Pollution Control Board
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10. Legal action against the SPV (CETP 15 MLD, Bahadur Ke Road, Ludhiana) and its Directors (M/s Bahadur Ke Textile & Knitwear Association (SPV) as well as CETP operator be initiated in the Competent Court of Jurisdiction.

The SPV has not complied with the decisions of the hearing mentioned above from serial no.1 to serial no. 06 as the SPV has neither submitted any proposal to adopt ZLD nor submitted bank guarantee of remaining amount after deduction of the EC.

The CETP of capacity 15 MLD installed at Bahadurke Road, Ludhiana for the treatment of effluent generated from the dyeing industries of Bahadurke cluster is fully operational since July 2020 and CETP is being regularly monitored by the Board on monthly basis. The CETP has failed to achieve the stringent discharge standards prescribed by the Board for the CETP since its commissioning.

The SPV had applied for renewal of consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and accordingly, CETP 15 MLD was visited by officer of the Board on 11.04.2024 and it was observed as under:

1. CETP was in operation for the treatment of effluent generated from the member dyeing industries. DAF was also in line and operational.
2. CETP had recently added 03 new sludge de-watering machines alongwith 02 existing sludge centrifuge pumps and these newly installed 03 machines were in operation and existing 02 were in standby mode.
3. The recently added 01 wood fired boiler of capacity 01TPH with cyclone separator as an APCD alongwith steam paddler drier was also in operation.
4. During visit effluent was collected and sent to the Board's lab for analysis, as per the analysis report CETP is achieving the discharge standards prescribed by the MoEF&CC except one parameter i.e. TDS but it has failed to achieve stringent discharge standards prescribed by the Board.
5. CETP is complying with the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

The SPV has failed to comply with the decisions taken during the personal hearing dated 16.06.2023 and to achieve stringent effluent discharge standards. Thus, the SPV was found violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

The SPV was granted Environmental Clearance vide MoEF&CC letter dated 08.12.2014 for the establishment of CETP based on Zero Liquid Discharge (ZLD). Thereafter a follow up meeting of Appraisal Committee on CETP was held in the MoEF&CC on 03.03.2016 and during the meeting it was decided that the SPV shall install CETP based on conventional treatment method in 1st phase and may adopt ZLD in 2nd phase. Minutes of the said meeting


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were issued vide MoEF&CC letter dated 18.03.2016, but the SPV has not submitted any proposal till date to adopt 2nd phase i.e. ZLD.

The SPV has filed appeals before the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science Technology and Environment against following decisions of the Board:

1. Imposition of EC amounting to Rs. 01 crore to the SPV vide minutes of meeting dated 08.10.2021.
2. Imposition of EC amounting to Rs. 77.625 Lacs to the SPV vide Board's no. 335 dated 4.10.2022
3. Against the decision of the Board to obtain Performance Bank Guarantee of Rs. 2.4 Crores from the SPV.

However, above appeals filed by the SPV were decided and dismissed by the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science, Technology and Environment vide orders dated 20.05.2024.

Environmental Compensation (EC) amounting to Rs.1 crore has already been deposited by the SPV and EC amounting to Rs.77.625 lacs has been recovered from the amount of performance bank guarantee of Rs. 2.4 crore earlier submitted by the SPV. However, the SPV has not submitted performance bank guarantee of remaining amount after deduction of the EC amounting to Rs. 77.625 Lac by the Board i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ till date. The appeal filed by the SPV against this BG has already been dismissed by the Appellate Authority.

The SPV is not complying with the decisions of the Competent Authority.

Show cause notice for refusal of consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was issued to the SPV with an opportunity of personal hearing before the Chairman of the Board on 09.07.2024 postponed to 12.07.2024, postponed to 16.07.2024 and postponed to 23.07.2024. No one on behalf of SPV attended the hearing. Considering the request of the SPV, the hearing was further postponed to 09.08.2024. However, no one on behalf of SPV again attended the hearing on 09.08.2024.

Keeping in view the act and conduct of the SPV, it was observed that the SPV is not serious about resolving the issues / violations reported on part of the CETP and SPV is not attending the hearing being afforded by the Board to avoid the implementation of the provisions of Environmental Laws. After considering all the aspects of the case, the Chairman of the Board decided to proceed ex-parte and has taken the following decisions:

1. The consent to operate applied by the SPV under the Water (Prevention & Control of Pollution) Act, 1974 be refused as ex-parte decision.
2. Notice to issue directions u/s 33-A of the Water Act, 1974 to take measures to control the pollution generated by the CETP, which may include taking legal action against the


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Punjab Pollution Control Board
Regional Office-III, Ludhiana

responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD, be issued to the SPV alongwith an opportunity of personal hearing before the Chairman of the Board.

The proceedings were conveyed to the SPV vide Board's letter no. 5336-37 dated 29.08.2024.

In compliance to the decisions of hearing the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was refused vide no. CTOW/Renewal/LDH3/2024/25302219 dated 30.08.2024.

In compliance of directions of the Central Monitoring Committee (CMC), CPCB has carried out inspection and monitoring of the Buddha Nallah and River Sutlej on 02.04.2024. The CPCB has also carried out inspection of 04 CETPS located at Ludhiana on 22.04.2024 and issued directions u/s 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of four CETPs of Ludhiana. The CETP of capacity 15 MLD was visited by the team of CPCB and following observations were made:

1. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Buddha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
2. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
3. During visit, it was informed to the team that 36 Dyeing/Printing/washing units had obtained membership from CETP and connected to the CETP.
4. Grab samples were collected from the CETP during monitoring. The analysis results of sample collected from CETP outlet reveals thats B OD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters were found within the prescribed standards.
5. Further, the grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS: 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed

value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.

6. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
7. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT Sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.

The SPV is violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

Environmental Engineer, Zonal Office-2, Ludhiana brought out that in light of deficiencies as observed by CPCB in operation of the CETPs of Ludhiana installed for dyeing units on its visit on 22.04.2024, the Central Pollution Control Board has issued directions u/s 18/1(b) of the Water (Prevention & Control of Pollution) Act, 1974 vide letter dated 12.08.2024 to take appropriate action including imposing Environmental Compensation and to ensure that the CETP is operated ensuring:

- d) Operation/ augmentation of the treatment system, appropriately, so as to meet the prescribed discharge standards and to comply with the disposal condition mentioned in the Environmental Clearance by MoEF&CC dated 03.05.2013 and 08.12.2014 in the aforesaid 40 MLD, 50 MLD & 15 MLD CETPs. Further, to stop discharging of treated effluent into Buddha Nallah from 50 MLD, 40 MLD & 15 MLD CETPs.
- e) With valid consent under the Water Act, 1974/ Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 form PPCB and comply with all the conditions mentioned thereof.
- f) Undertaking regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.

Punjab Pollution Control Board was further directed by Central Pollution Control Board as under:

- d. To prescribe disposal condition to respective CETPs in accordance with the Environmental Clearance by MoEF&CC dated 03.05.2013 & 08.12.2014.
- e. To prescribe inlet standards for CETP in accordance to the CETP notification dated 01.01.2016.

Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

1. The SPV shall ensure that the operation / augmentation of treatment system of CETP is appropriately made, so as to meet with the prescribed discharge standards and to comply with the disposal conditions mentioned in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change dated 08.12.2014.
2. The SPV shall immediately stop the discharge of effluent from the CETP of 15 MLD capacity into Buddha Nallah or any other surface water body.

Apart from the issuance of directions u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 to the SPV of 15 MLD CETP the concerned Environmental Engineer of Regional Office-3, Ludhiana may also be directed by making endorsement of the above order to carry out the following actions:

- a. To calculate the Environmental Compensation since the start of CETP considering continued violations being committed by the SPV by way of discharging its effluent into the Budha Nallah in violation of the conditions of Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change by adjusting the period / amount of the EC already imposed by the Board and deposited by the SPV.
- b. To process the consent application of the SPV pending with the Board, immediately on merits.

To personally ensure the compliance of above said decisions and submit report with recommendations without any delay.

You are, therefore, requested to comply with the decisions of the personal hearing within stipulated period and submit compliance report to the Board.

Endst. No...5800.....

For and on behalf of
Punjab Pollution Control Board
Dated 25/09/24

A copy of the above is forwarded to the Member Secretary, Central Pollution Control Board, Parivesh Bhawan, New Arjun Nagar, Delhi- 110032 for kind information & necessary action, please.

Endst. No...5801.....

For and on behalf of
Punjab Pollution Control Board
Dated 25/09/24

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information & necessary action.

For and on behalf of
Punjab Pollution Control Board

Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਰੋਕਥਾਮ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD



Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana

E-mail: seezo2ldhppcb@yahoo.com

Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/5398-99

Regd.

Dated 05/09/24

To

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills, Bahadurke Road,
Dyeing Complex, Ludhiana.

Sub: Proceedings of the personal hearing given by Chairman of the Board on 18.09.2024 w.r.t notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.

The following were present:

On behalf of PPCB

Er. G.S. Majithia, Member Secretary

Er. Pardeep Gupta, CEE, Ludhiana

Er. Kuldeep Singh, SEE, ZO-2, Ludhiana

Er. Nikhil Gupta, EE, ZO-2, Ludhiana

On behalf of SPV

Sh. Lalit Jain, Director

Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India

Environmental Engineer, Zonal Office-2, Ludhiana brought out that Bahadur Ke Textile Knitwear Association (SPV for CETP) has installed and is operating the Common Effluent Treatment Plant (CETP) of capacity 15 MLD for treatment of waste water from the cluster of textiles dyeing industries located at Bahadur Ke Road in Ludhiana.

Earlier the SPV was granted consents to operate under Water (Prevention and Control of Pollution) Act, 1974 vide no. CTOW/Renewal/LDH3/2022/18251904 dated 05.07.2022 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Varied/LDH3/2023/20380901 dated 25.04.2023, to operate the CETP of capacity 15 MLD for the treatment of effluent generated from dyeing industries located at Bahadurke Road, Ludhiana, both the consents had expired on 04.01.2023 and 31.03.2024 respectively.

Since the inception and commissioning, the SPV of 15 MLD capacity is being pursued by the Board from time to time for the compliance of the provisions of environmental laws especially the Water (Prevention and Control of Pollution) Act, 1974 by way of issuing notices, requests, reminders and affording of opportunities of hearing before the Competent

Authority. The officers of the Board are also carrying out the monthly monitoring of the Common Effluent Treatment Plant since the commissioning of the CETP.

The SPV, BKTKA was given personal hearing before the Chairman of the Board on 16.06.2023 u/s 33-A of Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 for non-achievement of effluent discharge standards at final outlet of CETP-15 MLD. After hearing the representations of the SPV and the officers of the Board and considering the relevant facts of the case, the Chairman of the Board has decided as under:

1. SPV shall submit a time bound proposal for up-gradation and augmentation of the CETP along with PERT Chart so as to achieve the prescribed standards as well as the standards as mentioned in the DPR appraised at the time of approval of financial aid received from, the Government for this CETP, within 30 days.
2. SPV shall submit a time bound proposal for 2nd Phase of up-gradation of CETP to ZLD along with PERT Chart as per the condition of Environmental Clearance granted by MoEF&CC, within 30 days.
3. SPV shall take all necessary measures to reduce the concentration of various pollutants at source including pretreatment in the member units wherever required so as to meet with inlet standards of DR at CETP and issue necessary directions to this effect to the member units.
4. Till the up-gradation of CETP, SPV shall operate the existing CETP with best of its ability, adequately and efficiently so as to achieve the prescribed standards.
5. SPV shall also work on the removal of colour at the final outlet of the CETP to achieve the desired standards as well as to the visual satisfaction.
6. SPV shall submit the performance bank guarantee of remaining amount after deduction of the EC i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ of Rs. 1,62,37,500/-, within 15 days.
7. SPV shall get installed SCADA enabled flow meters with all the member units at intake supply (submersible pumps / MC supply / other sources) having connectivity with the Online Monitoring System of CETP and access to Punjab Pollution Control Board, within one month to ensure that no bye-pass of effluents is being operated by them. Till the installation of online meters, the industry shall must have EMF or mechanical meter at intake supply for which record is to be maintained on day to day basis.
8. SPV shall provide flow meter, CCTV cameras and Online Monitoring Mechanism at its final outlet leading to Buddha Nallah, within one month.
9. Environmental Compensation for the period of 20.04.2022 to 11.05.2023 (date of last sampling) shall be imposed on the SP for not operating the CET properly and efficiently resulting in non-achievement of results. Regional Office-3, Ludhiana to calculate the amount of Environmental Compensation and obtain necessary approvals.

10. Legal action against the SPV (CETP 15 MLD, Bahadur Ke Road, Ludhiana) and its Directors (M/s Bahadur Ke Textile & Knitwear Association (SPV) as well as CETP operator be initiated in the Competent Court of Jurisdiction.

The SPV has not complied with the decisions of the hearing mentioned above from serial no.1 to serial no. 06 as the SPV has neither submitted any proposal to adopt ZLD nor submitted bank guarantee of remaining amount after deduction of the EC.

The CETP of capacity 15 MLD installed at Bahadurke Road, Ludhiana for the treatment of effluent generated from the dyeing industries of Bahadurke cluster is fully operational since July 2020 and CETP is being regularly monitored by the Board on monthly basis. The CETP has failed to achieve the stringent discharge standards prescribed by the Board for the CETP since its commissioning.

The SPV had applied for renewal of consent to operate under Water (Prevention and Control of Pollution) Act, 1974 and Air (Prevention and Control of Pollution) Act, 1981 and accordingly, CETP 15 MLD was visited by officer of the Board on 11.04.2024 and it was observed as under:

1. CETP was in operation for the treatment of effluent generated from the member dyeing industries. DAF was also in line and operational.
2. CETP had recently added 03 new sludge de-watering machines alongwith 02 existing sludge centrifuge pumps and these newly installed 03 machines were in operation and existing 02 were in standby mode.
3. The recently added 01 wood fired boiler of capacity 01TPH with cyclone separator as an APCD alongwith steam paddler drier was also in operation.
4. During visit effluent was collected and sent to the Board's lab for analysis, as per the analysis report CETP is achieving the discharge standards prescribed by the MoEF&CC except one parameter i.e. TDS but it has failed to achieve stringent discharge standards prescribed by the Board.
5. CETP is complying with the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

The SPV has failed to comply with the decisions taken during the personal hearing dated 16.06.2023 and to achieve stringent effluent discharge standards. Thus, the SPV was found violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

The SPV was granted Environmental Clearance vide MoEF&CC letter dated 08.12.2014 for the establishment of CETP based on Zero Liquid Discharge (ZLD). Thereafter a follow up meeting of Appraisal Committee on CETP was held in the MoEF&CC on 03.03.2016 and during the meeting it was decided that the SPV shall install CETP based on conventional treatment method in 1st phase and may adopt ZLD in 2nd phase. Minutes of the said meeting

were issued vide MoEF&CC letter dated 18.03.2016, but the SPV has not submitted any proposal till date to adopt 2nd phase i.e. ZLD.

The SPV has filed appeals before the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science Technology and Environment against following decisions of the Board:

1. Imposition of EC amounting to Rs. 01 crore to the SPV vide minutes of meeting dated 08.10.2021.
2. Imposition of EC amounting to Rs. 77.625 Lacs to the SPV vide Board's no. 335 dated 4.10.2022
3. Against the decision of the Board to obtain Performance Bank Guarantee of Rs. 2.4 Crores from the SPV.

However, above appeals filed by the SPV were decided and dismissed by the Appellate Authority-cum-Secretary to Government of Punjab, Department of Science, Technology and Environment vide orders dated 20.05.2024.

Environmental Compensation (EC) amounting to Rs.1 crore has already been deposited by the SPV and EC amounting to Rs.77.625 lacs has been recovered from the amount of performance bank guarantee of Rs. 2.4 crore earlier submitted by the SPV. However, the SPV has not submitted performance bank guarantee of remaining amount after deduction of the EC amounting to Rs. 77.625 Lac by the Board i.e. $(2,40,00,000 - 77,62,500 = 1,62,37,500)$ till date. The appeal filed by the SPV against this BG has already been dismissed by the Appellate Authority.

The SPV is not complying with the decisions of the Competent Authority.

Show cause notice for refusal of consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was issued to the SPV with an opportunity of personal hearing before the Chairman of the Board on 09.07.2024 postponed to 12.07.2024, postponed to 16.07.2024 and postponed to 23.07.2024. No one on behalf of SPV attended the hearing. Considering the request of the SPV, the hearing was further postponed to 09.08.2024. However, no one on behalf of SPV again attended the hearing on 09.08.2024.

Keeping in view the act and conduct of the SPV, it was observed that the SPV is not serious about resolving the issues / violations reported on part of the CETP and SPV is not attending the hearing being afforded by the Board to avoid the implementation of the provisions of Environmental Laws. After considering all the aspects of the case, the Chairman of the Board decided to proceed ex-parte and has taken the following decisions:

1. The consent to operate applied by the SPV under the Water (Prevention & Control of Pollution) Act, 1974 be refused as ex-parte decision.
2. Notice to issue directions u/s 33-A of the Water Act, 1974 to take measures to control the pollution generated by the CETP, which may include taking legal action against the

responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD, be issued to the SPV alongwith an opportunity of personal hearing before the Chairman of the Board.

The proceedings were conveyed to the SPV vide Board's letter no. 5336-37 dated 29.08.2024.

In compliance to the decisions of hearing the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was refused vide no. CTOW/Renewal/LDH3/2024/25302219 dated 30.08.2024.

In compliance of directions of the Central Monitoring Committee (CMC), CPCB has carried out inspection and monitoring of the Buddha Nallah and River Sutlej on 02.04.2024. The CPCB has also carried out inspection of 04 CETPS located at Ludhiana on 22.04.2024 and issued directions u/s 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of four CETPs of Ludhiana. The CETP of capacity 15 MLD was visited by the team of CPCB and following observations were made:

1. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Buddha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
2. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
3. During visit, it was informed to the team that 36 Dyeing/Printing/washing units had obtained membership from CETP and connected to the CETP.
4. Grab samples were collected from the CETP during monitoring. The analysis results of sample collected from CETP outlet reveals thats B OD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters were found within the prescribed standards.
5. Further, the grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS: 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed

value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.

6. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
7. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT Sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.

The SPV is violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

Environmental Engineer, Zonal Office-2, Ludhiana brought out that in light of deficiencies as observed by CPCB in operation of the CETPs of Ludhiana installed for dyeing units on its visit on 22.04.2024, the Central Pollution Control Board has issued directions u/s 18/1(b) of the Water (Prevention & Control of Pollution) Act, 1974 vide letter dated 12.08.2024 to take appropriate action including imposing Environmental Compensation and to ensure that the CETP is operated ensuring:

- d) Operation/ augmentation of the treatment system, appropriately, so as to meet the prescribed discharge standards and to comply with the disposal condition mentioned in the Environmental Clearance by MoEF&CC dated 03.05.2013 and 08.12.2014 in the aforesaid 40 MLD, 50 MLD & 15 MLD CETPs. Further, to stop discharging of treated effluent into Buddha Nallah from 50 MLD, 40 MLD & 15 MLD CETPs.
- e) With valid consent under the Water Act, 1974/ Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 from PPCB and comply with all the conditions mentioned thereof.
- f) Undertaking regular calibration, maintenance and validation of the OCEMS analysers as per standard operating procedures/recommendations of the suppliers, so as to ensure generation of continuous & reliable data.

Punjab Pollution Control Board was further directed by Central Pollution Control Board as under:

- d. To prescribe disposal condition to respective CETPs in accordance with the Environmental Clearance by MoEF&CC dated 03.05.2013 & 08.12.2014.
- e. To prescribe inlet standards for CETP in accordance to the CETP notification dated 01.01.2016.

- f. To regularly undertake verification of member industries of the CETP for ensuring proper operation of PETP/ETP by individual member industry.

Notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 was issued to the SPV with an opportunity of personal hearing before Chairman of the Board on 13.09.2024 postponed to 18.09.2024.

Sh. Lalit Jain, Director of the SPV (CETP of 15 MLD) alongwith Sh. I.K. Kapila, Advocate, Hon'ble Supreme Court of India attended the hearing and submitted a written reply which was taken on record. The representatives stated that although the EC was obtained by the SPV for ZLD based treatment but later on the project was conceived on the SBR based secondary level treatment. The representatives further contended that other two CETPs of 40 MLD & 50 MLD capacity were duly sanctioned without any condition / requirement for ZLD level treatment. Regarding the submission of Bank Guarantee as per decision of personal hearing afforded to the SPV by Chairman of the Board on 16.06.2023, the representatives informed that the SPV has challenged the said decision by way of filing appeal before the Appellate Authority and the decision is pending. The representatives disagreed with the technical observations as reported by the CPCB and did not find the same acceptable to the SPV and insisted not to penalize the SPV on the basis of the said report. The representatives further informed that the SPV has applied for obtaining the consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 with the Board.

During hearing, it was observed by the Competent Authority that the SPV has been constantly pursued by the Board to submit proposal for upgradation of the CETP to ZLD technology in consonance with the EC conditions and thus not to discharge its effluent into the Buddha Nallah. However, the SPV has not taken any step in this direction. The Ludhiana city has been declared as critically polluted area due to various reasons and one of the reasons is the activities of the industrial units in violation of the environmental norms. Though the Board has imposed EC and performance Bank Guarantee but the SPV is still violating the provisions of the Water (Prevention and Control of Pollution) Act, 1974.

The representatives of the SPV could not give any satisfactory reply to the observations raised during the hearing.

After detailed deliberations and hearing the representatives of SPV, officers of the Board and taking into consideration various factors including the seriousness of the issue, the Chairman of the Board observed that the objective to restrain the discharge of effluent into Budha Nallah cannot be achieved except with the issuance of directions. It is a fit case to invoke the provisions of section 33-A of the Water (Prevention and Control of Pollution) Act, 1974 for issuance of suitable directions to the SPV operating the CETP of 15 MLD capacity at Bahadurke Road, Ludhiana. Hence, the Chairman of the Board in exercise of the powers conferred u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 decided to issue the following directions to the SPV of CETP of 15 MLD capacity:

1. The SPV shall ensure that the operation / augmentation of treatment system of CETP is appropriately made, so as to meet with the prescribed discharge standards and to comply with the disposal conditions mentioned in the Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change dated 08.12.2014.
2. The SPV shall immediately stop the discharge of effluent from the CETP of 15 MLD capacity into Buddha Nallah or any other surface water body.

Apart from the issuance of directions u/s 33-A of the Water (Prevention and Control of Pollution) Act, 1974 to the SPV of 15 MLD CETP the concerned Environmental Engineer of Regional Office-3, Ludhiana may also be directed by making endorsement of the above order to carry out the following actions:

- a. To calculate the Environmental Compensation since the start of CETP considering continued violations being committed by the SPV by way of discharging its effluent into the Budha Nallah in violation of the conditions of Environmental Clearance granted by the Ministry of Environment, Forest and Climate Change by adjusting the period / amount of the EC already imposed by the Board and deposited by the SPV.
- b. To process the consent application of the SPV pending with the Board, immediately on merits.

To personally ensure the compliance of above said decisions and submit report with recommendations without any delay.

You are, therefore, requested to comply with the decisions of the personal hearing within stipulated period and submit compliance report to the Board.

Endst. No....5800.....

For and on behalf of
 Punjab Pollution Control Board
 Dated 25/09/24

A copy of the above is forwarded to the Member Secretary, Central Pollution Control Board, Parivesh Bhawan, New Arjun Nagar, Delhi- 110032 for kind information & necessary action, please.

Endst. No....5801.....

For and on behalf of
 Punjab Pollution Control Board
 Dated 25/09/24

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information & necessary action.

For and on behalf of
 Punjab Pollution Control Board



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਰੋਕਥਾਮ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD

Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana
E-mail: seezo2ldhppcb@yahoo.com



Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/.....

To

Regd.

Dated

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills,
Bahadurke Road, Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills,
Bahadurke Road, Dyeing Complex, Ludhiana.

ਸਾਨੇਅਰ ਸਹਾ/ਸਜ ਕਲਰਕ/ਡੀ. ਓ. ਓ/ਸਹਾ ਵਾਤਾ ਵਿੱਚ
ਨਦੀ ਡਾਕੂ ਜੂ. ਵਾਤਾ ਵਿੱਚ
ਵਾਤਾ ਵਿੱਚ
ਡਾਇਰੀ ਨੰ 2125 ਮਿਤੀ 3.9/24

Subject:

Notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.

Whereas, Bahadur Ke Textile Knitwear Association (SPV for CETP) is operating a Common Effluent Treatment Plant (CETP) of capacity 15 MLD for treatment of waste water from the cluster of textiles dyeing industries located at Bahadur Ke Road in Ludhiana.

And whereas, it is mandatory on the part of SPV to install proper and adequate pollution control devices so as to ensure that the concentration of various pollutants in effluent being discharged by CETP, conforms to the effluent standards as prescribed by the Board.

And whereas, earlier the SPV was granted consents to operate under Water Act, 1974 vide no. CTOW/Renewal/LDH3/2022/18251904 dated 05.07.2022 and Air (Prevention & Control of Pollution) Act, 1981 vide no. CTOA/Varied/LDH3/2023/20380901 dated 25.04.2023, to operate a CETP of capacity 15 MLD for the treatment of effluent generated from dyeing industries located at Bahadurke Road, Ludhiana, both were expired on 04.01.2023 and 31.03.2024 respectively.

And whereas, earlier, the SPV, BTKA was given personal hearing before the Chairman of the Board on 16.06.2023 u/s 33-A of Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 for non-achievement of effluent discharge standards at final outlet of CETP-15 MLD. Wherein it was decided that:

1. SPV shall submit a time bound proposal for up-gradation and augmentation of the CETP along with PERT Chart so as to achieve the prescribed standards as well as the standards as mentioned in the DPR appraised at the time of approval of financial aid received from the Government for this CETP, within 30 days.
2. SPV shall submit a time bound proposal for 2nd Phase of up-gradation of CETP to ZLD along with PERT Chart as per the condition of Environmental Clearance granted by MoEF&CC, within 30 days.
3. SPV shall take all necessary measures to reduce the concentration of various pollutants at source including pretreatment in the member units wherever required so as to meet with inlet standards of DR at CETP and issue necessary directions to this effect to the member units.
4. Till the up-gradation of CETP, SPV shall operate the existing CETP with best of its ability, adequately and efficiently so as to achieve the prescribed standards.
5. SPV shall also work on the removal of colour at the final outlet of the CETP to achieve the desired standards as well as to the visual satisfaction.
6. SPV shall submit the performance bank guarantee of remaining amount after deduction of the EC i.e. (2,40,00,000 - 77,62,500 = 1,62,37,500) of Rs. 1,62,37,500/-, within 15 days.
7. SPV shall get installed SCADA enabled flow meters with all the member units at intake supply (submersible pumps / MC supply / other sources) having connectivity with the Online

Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

- Monitoring System of CETP and access to Punjab Pollution Control Board by installing one month to ensure that no bye-pass of effluents is being operated by them. Till the installation of online meters, the industry shall must have EMF or mechanical meter at intake supply for which record is to be maintained on day to day basis.
8. SPV shall provide flow meter, CCTV cameras and Online Monitoring Mechanism at its final outlet leading to Buddha Nallah, within one month.
 9. Environmental Compensation for the period of 20.04.2022 to 11.05.2023 (date of last sampling) shall be imposed on the SP for not operating the CET properly and efficiently resulting in non-achievement of results. Regional Office-3, Ludhiana to calculate the amount of Environmental Compensation and obtain necessary approvals.
 10. Legal action against the SPV (CETP 15 MLD, Bahadur Ke Road, Ludhiana) and its Directors (M/s Bahadur Ke Textile & Knitwear Association (SPV) as well as CETP operator be initiated in the Competent Court of Jurisdiction.

And whereas, the SPV has not complied with the decisions mentioned above from s no.1 to sr. no. 06 as it has neither submitted any proposal to adopt ZLD nor submitted bank guarantee of remaining amount after deduction of the EC.

And whereas, the CETP of capacity 15 MLD installed at Bahadurke Road, Ludhiana for the treatment of effluent generated from the dyeing industries of Bahadurke cluster is fully operational since July 2020 and CETP is being regularly monitored by the Board on monthly basis. The treated trade effluent sample results of the CETP of recent months from May 2023 to April 2024 reveals that the CETP is achieving the discharge standards prescribed by the MoEF&CC during the entire period except one parameter i.e. TDS except the month of June 2023, only. However the CETP has failed to achieve stringent discharge standards prescribed by the Board since its commissioning.

And whereas, the SPV applied for renewal of consent to operate under Water Act, 1974 and Air Act, 1981.

And whereas, accordingly, CETP 15 MLD was visited by officer of the Board on 11.04.2024 and it was observed as under:

1. CETP was in operation for the treatment of effluent generated from the member dyeing industries. DAF was also in line and operational.
2. CETP had recently added 03 new sludge de-watering machines alongwith 02 existing sludge centrifuge pumps and these newly installed 03 machines were in operation and existing 02 were in standby mode.
3. The recently added 01 wood fired boiler of capacity 01TPH with cyclone separator as an APCD alongwith steam paddler drier was also in operation.
4. During visit effluent was collected and sent to the Board's lab for analysis, as per the analysis report CETP is achieving the discharge standards prescribed by the MoEF&CC except one parameter i.e. TDS but it is failed to achieve stringent discharge standards prescribed by the Board.
5. CETP is complying with the provisions of the Air (Prevention & Control of Pollution) Act, 1981.

And whereas, the SPV was failed to comply with the decisions taken during the personal hearing dated 16.06.2023 and to achieve stringent effluent discharge standards. Thus, the SPV was found violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

And whereas, the SPV was granted Environmental Clearance vide MoEF&CC letter dated 08.12.2014 for the establishment of CETP based on Zero Liquid Discharge (ZLD). Thereafter a follow up meeting of Appraisal Committee on CETP was held in the MoEF&CC on 03.03.2016 and during the meeting it was decided that the SPV shall install CETP based on conventional treatment method in 1st phase and may adopt ZLD in 2nd phase. Minutes of the said meeting were issued vide MoEF&CC letter dated 18.03.2016. But, SPV has not submitted any proposal till date to adopt 2nd phase i.e. ZLD.

And whereas, further, SPV filed appeal before the Appellate Authority cum Secretary to Govt. of Punjab, Department of Science Technology and Environment against following decisions of the Board:

1. Imposition of EC of amount Rs. 01 crore to the SPV vide minutes of meeting dated 08.10.2021.

ma
Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

2. Imposition of EC of amount Rs. 77.625 Lacs to the SPV vide Board's no. 335 dated 4.10.2022
3. Against the decision of the Board to obtain Performance Bank Guarantee of Rs. 2.4 Crores from the SPV.

And whereas, however, above appeal filed by the SPV was dismissed by the Appellate Authority vide orders dated 20.05.2024.

And whereas, Environmental Compensation (EC) amount of 1 crore had already been deposited by the SPV and EC amount of Rs. 77.625 lacs was also been recovered from performance bank guarantee of Rs. 2.4 crore earlier submitted by the SPV but the SPV has not submitted performance bank guarantee of remaining amount after deduction of the EC i.e. (2,40,00,000 - 77,62,500 = 1,62,37,500) till date and now appeal filed by the SPV against this BG has already been dismissed by the Appellate Authority.

And whereas, the SPV was not complying with the decisions of the Competent Authority.

And whereas, show cause notice for refusal of consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was issued to SPV with an opportunity of personal hearing before Chairman of the Board on 09.07.2024 postponed to 12.07.2024, postponed to 16.07.2024 and postponed to 23.07.2024. No one from the side of SPV attended the hearing. Considering the request of the SPV, the hearing was further postponed to 09.08.2024. However, no one from the side of SPV attended the hearing on 09.08.2024.

And whereas, it was observed that the SPV is not serious about resolving the issues / violations reported on part of it and is not attending the hearing being afforded to it by the Board.

And whereas, it was decided by the Chairman of the Board decided as under:

1. The consent to operate applied by the SPV under the Water (Prevention & Control of Pollution) Act, 1974 be refused as ex-parte decision.
2. Notice to issue directions u/s 33-A of the Water Act, 1974 to take measures to control the pollution generated by the CETP, which may include taking legal action against the responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD, be issued to the SPV along with an opportunity of personal hearing before the Chairman of the Board.

And whereas, the proceedings were conveyed to the SPV vide Board's letter no. 5336-37 dated 29.08.2024.

And whereas, consent to operate under the Water (Prevention & Control of Pollution) Act, 1974 was refused vide no. CTOW/Renewal/LDH3/2024/25302219 dated 30.08.2024.

And whereas, in compliance of directions of the Central Monitoring Committee (CMC), CPCB has carried out inspection and monitoring of the Buddha Nallah and River Sutlej on 02.04.2024. The CPCB has also carried out inspection of 04 CETPS located at Ludhiana on 22.04.2024 and issued directions u/s 18(1)(b) of the Water (Prevention and Control of Pollution) Act, 1974 regarding non-compliance of four CETPs of Ludhiana. The CETP of capacity 15 MLD was visited by the team of CPCB and following observations were made:

1. During the visit on 22.04.2024, the CETP was found operational with the flow rate of 11.26 MLD. The CETP receives effluent through dedicated underground pipeline and the treatment is based on Sequential Batch Reactor (SBR) technology. It was informed that the CETP is discharging the treated effluent into Buddha Nallah (which meets River Sutlej) through underground pipeline from the CETP. However, as per EC issued by MoEF&CC on 08.12.2014, the CETP is required to establish a Zero Liquid Discharge system.
2. The consent under the Air Act, 1981 is valid upto 31.03.2025 for the operation of 15 MLD CETP. However, the consent under the Water Act, 1974 was valid till 04.01.2023 and the Authorization under the Hazardous and Other Wastes (Management & Transboundary Movement) Rules, 2016 was valid till 04.10.2022 for which the CETP has applied for renewal to PPCB.
3. During visit, it was informed to the team that 36 Dyeing/Printing/washing units had obtained membership from CETP and connected to the CETP.

Water samples were collected from the CETP during monitoring. The analysis results of sample

Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana

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collected from CETP outlet reveals that BOD: 243 mg/l (Standard: 30 mg/l), COD: 587 mg/l (Standard: 250 mg/l), Chloride: 1904 mg/l (Standard: 1000 mg/l) and Sulphide: 16 mg/l (Standard: 2 mg/l) exceeds the notified effluent discharge standards for CETP. Remaining monitored parameters were found within the prescribed standards.

5. Further, the grab samples were collected from the Sequential Batch Reactor (SBR) tank for MLSS & MLVSS. The sample analysis results reveals that the concentration of MLSS: 2639 mg/l (Designed value: 4840 mg/l) and concentration MLVSS: 1179 mg/l (Designed value: 3872 mg/l) are less than the designed values, which indicates the poor operation of the SBR.
6. The CETP has installed Online Continuous Effluent Monitoring System (OCEMS) at the final outlet of treated effluent for the parameters pH, TSS, COD, BOD with connectivity to PPCB & CPCB servers. During the visit, the OCEMS was found operational and variation in OCEMS reading compared with the monitored results was also reported which indicates the improper working / validation / calibration of OCEMS system.
7. During the visit, it was observed that the CETP has provided sludge storage facility and obtained membership from M/s Re-sustainability Limited (M/s Ramky Enviro Engineers Limited) for disposal of sludge. The CETP had disposed 602.685 MT Sludge during the period of 02.04.2023 to 31.03.2024, through TSDF.

And whereas, the SPV is violating the provisions of the Water (Prevention & Control of Pollution) Act, 1974.

And whereas, the matter has been considered by the Competent Authority and it has been decided to issue notice u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 to the SPV with an opportunity of personal hearing before the Chairman of the Board and it has been proposed to issue the directions which may include taking legal action against the responsible persons of the SPV, to stop the transaction of the bank account of SPV with immediate effect, to impose the appropriate Environmental Compensation based on polluter pays principle and to upgrade the existing CETP to the ZLD.

As such, you are, hereby, given an opportunity to file objections, if any, on the proposed actions before the Chairman of the Board on 13.09.2024 at 11:00 AM in his office at Vatavaran Bhawan, Punjab Pollution Control Board, Nabha Road, Head Office, Patiala, failing which the proposed action shall be taken or any other action deemed fit in the matter will be taken without any further notice/ opportunity.

Sb
For and on behalf of
Chairman, Punjab Pollution Control Board

Dated 29/08/24.

Endst. No. 5353

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information & necessary action. He is requested to inform the SPV regarding date and time of personal hearing and ensure the presence of representative of SPV during the hearing.

Healy 29/08/24
For and on behalf of
Chairman, Punjab Pollution Control Board

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Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana



ਪੰਜਾਬ ਪ੍ਰਦੂਸ਼ਣ ਕੰਟਰੋਲ ਬੋਰਡ
PUNJAB POLLUTION CONTROL BOARD

Zonal Office-II, E-648-B, Back Side CICU Office, Phase-5, Focal Point, Ludhiana
E-mail: seeza21dhp PCB@yahoo.com



Ph No. 0161-2670141

No. PPCB/SEE/ZO-2/LDH/2024/.....

To

Regd.

Dated

- 1) The Chairman,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Adinath Dyeing & Finishing Mills,
Bahadurke Road, Dyeing Complex, Ludhiana.
- 2) The Director,
Bahadur Ke Textile & Knitwear Association (SPV),
C/o M/s Shri Balaji Finishing Mills,
Bahadurke Road, Dyeing Complex, Ludhiana.

ਸੰਬੰਧਤ ਸ਼ਰਾਮਿਕ ਕਾਰਖਾਨੇ/ਟੈਕਸਟਾਈਲ ਇੰਡਸਟਰੀ ਵਿੱਚੋਂ ਨਿਕਲੇ ਗਏ ਪਾਣੀ ਨੂੰ ਵਾਤਾ ਵਿੱਚੋਂ ਫਿਲਟਰ ਕਰਨ ਦੀ ਸਲਾਹ ਦਿੱਤੀ ਜਾਂਦੀ ਹੈ।
ਤਾਰੀਖ ਨ 22.09.2024 ਮਿਤੀ 17/09/24

Subject: Notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988.

Reference: Board's letter no. 5351-52 dated 29.08.2024.

Whereas, the SPV was issued notice to issue directions u/s 33-A of the Water (Prevention & Control of Pollution) Act, 1974 as amended in 1988 was issued to the SPV with an opportunity of personal hearing before Chairman of the Board on 13.09.2024, however, the same has been postponed due to some administrative reasons and now re-scheduled to be held on 18.09.2024.

As such, you are, hereby, given an opportunity to file objections, if any, on the proposed actions before the Chairman of the Board on 18.09.2024 at 11:00 AM in his office at Vatavaran Bhawan, Punjab Pollution Control Board, Nabha Road, Head Office, Patiala, failing which the proposed action shall be taken or any other action deemed fit in the matter will be taken without any further notice/ opportunity.

sch
For and on behalf of
Chairman, Punjab Pollution Control Board

Endst. No. 5640

Dated 12/09/24

A copy of the above is forwarded to the Environmental Engineer, Punjab Pollution Control Board, Regional Office-3, Ludhiana for information & to inform the SPV through e-mail and telephonically / whatsapp (and keep a receipt) regarding date and time of personal hearing and ensure the presence of representative of the SPV during the hearing.

12/09/24
For and on behalf of
Chairman, Punjab Pollution Control Board

[Signature]
Environmental Engineer
Punjab Pollution Control Board
Regional Office-III, Ludhiana