

MAHARASHTRA POLLUTION CONTROL BOARD

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No. MPCB/RO(BMW)/Circular/2022/B- 6

Date: 21.09.2022

CIRCULAR

Sub: Amendment in the Consent for inclusion of quantity of strong Streams / concentrated streams and its treatment and disposal path.

Ref: MPC Board's Office Order dtd: 23/12/2020

It is observed that most of the chemical industries like pharmaceutical, bulk drug, dye & dye intermediates, specialty chemicals, synthetic organic chemicals and industries in other such sectors are generating effluents comprising Strong Streams/Concentrated Streams having high Chemical Oxygen Demand (COD) and/or high Total Dissolved Solids (TDS). It is observed that the inlet influent parameters are not meeting the inlet design parameters /criteria of individual ETPs of industries as well as Common Effluent Treatment Plants (CETPs) due to discharge of such type of concentrated effluent by the member industries of CETPs.

In most of the Consents to Establish/Operate/Renewals the quantity, treatment mechanism and disposal path of Concentrated/high COD streams and weak streams are not being mentioned separately, resulting in unsatisfactory treatment, exceedance of standards and disposal of such effluent into environment due lack of monitoring of concentrated stream by field offices of the Board. It has come to notice of the Board that due to discharge of such shock loads of effluents into ETP/CETP, most of the ETPs / CETPs are getting disturbed primarily because of such high concentrated streams especially generated from chemical pharmaceutical, bulk drug, dye & dye intermediates manufacturing industries. It is causing grave damage to environment.

For the satisfactory performance of ETP/CETPs, Maharashtra Pollution Control Board *has felt it necessary to monitor and control the quality of influent discharged to ETP / CETP and segregation of such strong stream and treating it by installing own adequate facility of treatment of such Strong stream or treating in specialized common treatment facility.*

Therefore, Board has asked Regional Officer Thane and Navi Mumbai to carry out an exercise, of identification, segregation and treatment mechanism for treating such Strong stream by studying material and mass balance, water consumption, manufacturing process and chemical reactions involved in it, nature and characteristics products, by products and hazardous waste from the industries having potential of generation of concentrated stream or high COD/high TDS streams. The Regional Office MPCB, Navi Mumbai & Thane has carried out the detailed study of the industries located in MIDC Taloja and Tarapur area respectively, considering their material balance and mass balance and the conditions imposed in environmental clearance and other characteristics.

Therefore, MPC Board has decided to amend all valid Consents to Establish, Operate and Renewal granted to such identified industries.

Taking into consideration, the large no. of industries and voluminous task, MPC Board has decided to temporarily delegate the powers of The Board to the Regional Officers for amendments in valid consents to Establish, Consents to Operate and Renewal for **quantification of segregated strong stream and weak stream, its treatment and disposal path of strong stream by installing own treatment and disposal facility as Reverse Osmosis /Multi Effect Evaporator /Automated Thin Film Dryer etc. or treating in specialized common treatment facility.**

In view of above, Regional Officers are directed to execute following line of action:

Sr. No.	Action	Timeline
1.	To carryout exercise of identification of industries having potential generation of concentrated stream or high COD/TDS stream effluent and quantify the segregated strong stream and weak stream effluents.	30 th Sept. 2022
2.	To issue directions to all identified industries in order to obtain the proposal for treatment and disposal path for strong and weak stream with timeline. These proposals shall be submitted by the industries on or before 30 th Oct. 2022.	08 th Oct. 2022
3.	After receipt of proposal from Industries, RO shall amend the valid Consents to Establish / Operate and Renewal granted to those identified industries <u>limited to quantification of segregated strong stream and weak stream and its treatment and disposal path of strong stream by mentioning timeline not more than six months.</u>	15 th Nov. 2022

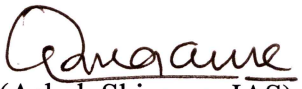
This delegation of the power is restricted only for amendment of the valid consents to Establish, operate and Renewal, with respect to quantification of segregated strong stream and weak stream and its disposal path of strong stream by installing own disposal facility as RO/MEE/ATFD or treating in specialized common treatment facility.

This delegation of power is valid only upto 15th November 2022.

All Regional Officers shall submit the list with amended copies to Head Office and to upload the copies on MPCB portal in MPCB Documents of respective industries. Regional officers should not carry out any other amendment in Consent except as mentioned above.

All Ros/SROs are hereby directed to scrutinize the fresh applications for consent to establish/operate and renewal of consent to operate on the principles mentioned above and submit those applications to concerned Competent Authority for Consent approval as per delegation of Powers of Consent Management, issued vide letter dtd; 23/12/2020.

D.A.: Format for amendment.


(Ashok Shingare, IAS)
Member Secretary

Copy submitted to:

1. The Hon'ble Principal Secretary, Dept. of Env't. & CC, GoM, Mantralaya, Mumbai – for favour of information.
2. The Hon'ble Chairman, M.P.C. Board, Mumbai – for favour of Information
3. The Member Secretary, CPCB, Delhi.

Copy to:

1. Principal Scientific Officer / Asstt. Secretary (Tech.) / Joint Director (APC) / Joint Director (WPC), M.P.C. Board, Mumbai – They are directed apprise the list of amended consents to consent granting authority – CAC / CC Cell.
2. All Regional Officers, M.P.C. Board.
3. All Sub Regional Officer, M.P.C. Board.