



UTTAR PRADESH POLLUTION CONTROL BOARD

Building. No TC-12V Vibhuti Khand, Gomti Nagar, Lucknow-226010

Phone:0522-2720828,2720831, Fax:0522-2720764, Email: info@uppcb.com, Website: www.uppcb.com

CONSENT ORDER

Ref No. -
140790/UPPCB/Meerut(UPPCBRO)/CTO/water/
MEERUT/2021

Dated : 30/12/2021

To ,

Shri KIRAN PAL SINGH
M/s BAJAJ HINDUSTHAN SUGAR LIMITED Sugar Unit KINAUI MEERUT UP
Bajaj Hindusthan Sugar Limited Sugar Unit Vill Kinauni Distt- Meerut, MEERUT, 250502
MEERUT

Sub : Consent under Section 25/26 of The Water (Prevention and control of Pollution) Act, 1974 (as amended) for discharge of effluent to M/s. BAJAJ HINDUSTHAN SUGAR LIMITED Sugar Unit KINAUI MEERUT UP

Reference Application No :13938598

Dated :30/12/2021

1. For disposal of effluent into water body or drain or land under The Water (Prevention and control of Pollution) Act, 1974 as amended (here in after referred as the act) M/s. BAJAJ HINDUSTHAN SUGAR LIMITED Sugar Unit KINAUI MEERUT UP is hereby authorized by the board for discharge of their industrial effluent generated through ETP for irrigation/river through drain and disposal of domestic effluent through septic tank/soak pit subject to general and special conditions mentioned in the annexure ,in reference to their foresaid application .
2. This consent is valid for the period from 01/01/2022 to 31/12/2023 .
3. In spite of the conditions and provisions mentioned in this consent order UP Pollution Control Board reserves its right and powers to reconsider/amend any or all conditions under section 27(2) of the Water (Prevention and Control of Pollution) Act, 1974 as amended .

This consent is being issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board

NISHI KUMAR CHAUHAN Digitally signed by NISHI KUMAR CHAUHAN
Date: 2021.12.30 12:18:31 +05'30'

Chief Environmental Officer (Circle 3)

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, U.P. Pollution Control Board, Meerut to ensure the compliance of the conditions imposed in the certificate.

NISHI KUMAR CHAUHAN Digitally signed by NISHI KUMAR CHAUHAN
Date: 2021.12.30 12:18:40 +05'30'

Chief Environmental Officer (Circle 3)

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.BAJAJ HINDUSTHAN SUGAR LIMITED Sugar Unit KINAUI MEERUT UP vide

Consent Order No. 13938598/ Water

Dated : 30/12/2021

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of Sugar from Sugar Cane Crushing capacity-12000 TCD .
2. This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/ process /fuel/ plant machinery failing which consent would be deemed void.
3. The quantity of maximum daily effluent discharge should not be more than the following :

Effluent Discharge Details			
S.No	Kind of Effluent	Maximum daily discharge,KL/day	Treatment facility and discharge point
1	Domestic	70 KLD	STP
2	Industrial	2400 KLD	ETP

4. Arrangement should be made for collection of water used in process and domestic effluent separately in closed water supply system. The treated domestic and industrial effluent if discharged outside the premises, if meets at the end of final discharge point, arrangement should be made for measurement of effluent and for collecting its sample. Except the effluent informed in the application for consent no other effluent should enter in the said arrangements for collection of effluent. It should also be ensured that domestic effluent should not be discharged in storm water drain .
- 4(a) The domestic effluent should be treated in the treatment plant so that it should be in conformity with the norms of treated effluent as stipulated in E.P. Rules 1986 as amended.

Domestic Effluent		
S.No	Parameter	Standard
1	Total Suspended Solids	AS PER E(P) RULES, 1986
2	COD	AS PER E(P) RULES, 1986
3	Oil & Grease	AS PER E(P) RULES, 1986
4	BOD	AS PER E(P) RULES, 1986
5	Quantity of Discharge	70 KLD

- 4(b) The industrial effluent should be treated in treatment plant so that the treated effluent should be in conformity with the standard lay down under the notification issued by MOEF&CC vide its GO no GSR 35 (E) dated 14/01/2016.

Industrial Effluent		
S.No	Parameter	Standard
1	Total Suspended Solids	AS PER E(P) RULES, 1986
2	BOD	AS PER E(P) RULES, 1986
3	COD	AS PER E(P) RULES, 1986
4	Oil & Grease	AS PER E(P) RULES, 1986
5	Quantity of Discharge	2400 KLD

- 4(c) Loading Rates for different soil textures.

S.No	Soil Texture	Loading rate in m3/Ha/Day
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5. Effluent generated in all the processes, bleed water, cooling effluent and the effluent generated from washing of floor and equipments etc should be treated before its disposal with treated industrial effluent so that it should be according to the norms prescribed under The Environment (Protection) Rules, 1986 or otherwise mandatory.
6. The method for collecting industrial and domestic effluent and its analysis should be as per legal Indian standards and its subsequent amendments/ standards prescribed under the Environment (Protection) Act, 1986.
7. The industry shall establish the cooling arrangement and polishing tank for recycling the excess condensate water to process or utilities or allied units.
8. Effluent Treatment Plant to be stabilized one month prior to the start of the crushing season and continue to operate one month after the crushing season.
9. During no demand period for irrigation, the treated effluent to be stored in a seepage proof lined pond having 15 days holding capacity only.
10. The industry shall implement treated effluent flow distribution measurement for irrigation purposes completely in accordance with irrigation plan.
11. The impact of treated effluent application on land is to be included further in E.I.A. studies, involving ground water monitoring point identified in close proximity to the unit.
12. The industry will have to ensure compliance of the permission from the CGWA before ground water extraction and it will be the responsibility of the industry to comply with the various conditions of the permission taken.
13. The industry shall submit Environmental Statement in prescribed form V rule no.14 of E.P Rules 1986.
14. The industry shall comply with various provisions of Air (Prevention and Control of Pollution) Act 1981 as amended, Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
15. Minimum 33% of the land on which unit is established will be covered and properly maintained by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H-16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guide_160218.pdf.
16. The industry will ensure the continuous and uninterrupted data supply from the OCEEMS to the CPCB and SPCB .
17. Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized. The unit will ensure facility to transmit data to CPCB server and submit a regular calibration certificate of Electro Magnetic Flow meter to the Board.
18. If closure order is issued by CPCB or UPPCB against the unit, then CTO issued earlier will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective with additional conditions mentioned in the closure revocation order.
19. Industry shall abide by the directions given by Hon'ble Court, Central Pollution Control Board and UPPCB for protection and safe guard of environment from time to time.
20. The Unit will file the renewal application at least 2 months prior to the expiry of this Order.

Specific Conditions:

- 1- This CTO is valid for Production SUGAR FROM CANE CRUSHING CAPACITY-12000 TCD.
- 2- Industry shall obtained NOC from CGWA/State Ground Water Authority for Ground Water Abstraction and submit the copy to the Board within 3 months.
- 3- This CTO shall be subject to the order to be passed in OA No. 71/2021 Chandra Shekher Versus State of U.P. by Hon'ble NGT.
- 4- This consent is valid only for products and quantity mentioned above. Industry shall obtain prior approval before making any modification in product/process/fuel/ plant machinery failing which consent would be deemed void.
- 5- The unit shall maintain strict supervision upon fluctuations in operating parameters with respect to each treatment unit of the Effluent treatment plant.
- 6- The E.T.P. unit operation line up Strengthening is to be maintained.
- 7- The industry shall establish Miyawaki forest inside the factory in sufficient area the treated effluent from the ETP shall be used for forestation.
- 8- Unit shall abide by directions given by Commission for Air Quality Management in National Capital Region and Adjoining Areas.
- 9- The Unit shall install Piezometer for measurement of ground water level and the data generated from Piezometer will be provided to the SPCB on monthly basis.
- 10- Flow meter to be installed in all water abstraction points and usage of fresh water to be minimized.
- 11- During no demand period for irrigation, the treated effluent to be stored in a seepage proof lined pond having 15 days holding capacity only.
- 12- The unit shall submit the audited balance sheet for the current year and the details of fees deposited during last three years within a month.
- 13- The industry shall implement treated effluent flow distribution measurement for irrigation purposes completely in accordance with irrigation plan.
- 14- Industry shall abide by orders / directions issued by Hon'ble Supreme court Hon'ble High Court, Hon'ble National Green tribunal, Central Pollution Control Board and U.P Pollution Control Board for protection and safe guard of environment from time to time.
- 15- Industry shall comply with various provisions of Water (Prevention and Control of Pollution) Act 1974 as amended and all other applicable rules notified under E.P. Act 1986.
- 16- Minimum 33% of the land on which industry is established will be covered by the plantation of tall trees of suitable species as per the guidelines set up by the Board vide its Office Order no.H16405/220/2018/02 dt. 16/02/2018. The copy of this guideline is available at URL http://www.uppcb.com/pdf/Green-Belt-Guidle_160218.pdf.
- 17- The unit shall comply with the provisions of notification No. S.O. 3187(E) dated 07-10-2016 of Ministry of Water Resources, River Development and Ganga Conservation, GOI.
- 18- The discharge norms must confirm as per the notification no G.S.R. 35 (E) dated: 15.01.2016 of MoEF&CC.
- 19- Unit shall comply with the directions issued by Central Pollution Control Board, New Delhi vide letter-B-190198/WQM/II(RG)/CPCB/Sugar/12/2016-17/16662, dated 14/19.02.2019, and send the compliance report to Board on quarterly basis.
- 20- Unit shall identify recipient drains/ rivulets and their u/s & d/s location in consultation with UPPCB and shall carry out monthly monitoring of identified recipient drains at u/s & d/s location through lab recognized under Environment (Protection) Act, 1986 and shall submit the analysis report on monthly basis by 10th of every month to CPCB and UPPCB.
- 21- Unit shall maintain pipe line from outlet of ETP and to the point of irrigation land.
- 22- Unit shall ensure to maintained connectivity of the installed online monitoring system to the servers of CPCB and UPPCB.
- 23- Unit shall provide Pakka channel/ pipe line for irrigation and shall maintain the records of ground water extracted and treated effluent used for irrigation on land.
- 24- Unit shall comply the provisions of Water (Prevention and Control of Pollution) Act 1974 as Amended, Air (Prevention and Control of Pollution) Act 1981 as Amended and Environment (Protection) Act 1986, and direction issued by Hon'ble National Green Tribunal, New Delhi in Order dated 13.07.2017 in OA no. 200/2014, M.C. Mehta v/s Union of India.
- 25- Unit shall submit treated effluent monitoring report of the ETP and ground water quality of premises as well as of the irrigated area done by MoEF & CC approved laboratory in every 3 months.
- 26- This Consent order shall automatically become invalid on issuance of Closure Order by C.P.C.B / UPPCB and further on Revoking of Closure order, the Consent order shall become valid.
- 27- The industry shall also explore treated effluent re-cycle mechanism in furtherance to the application of treated effluent on land as a significant alternative mode of re-cycle. This step shall in turn reduce hydraulic loading of effluent discharge as well as shall eliminate extraneous treated effluent discharge possibility elsewhere.

28- The industry shall submit Environmental Statement in prescribed form V rule no.14 of E.P Rules 1986.

29- Industry shall install at sufficient height from the ground level Open to Network HD PTZ rotation Camera at the Inlet, Aeration tank, Secondary Clarifier and outlet of Effluent treatment plants for On Line Monitoring and its URL and password shall be provided to the UPPCB control room.

Issued with the permission of competent authority .

For and on behalf of U.P. Pollution Control Board .

NISHI KUMAR CHAUHAN

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Chief Environmental Officer (Circle 3)