



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. -
141503/UPPCB/Lucknow(UPPCBRO)/CTO/water/LAKHIMPUR KHIRI/2021

Dated : 28/12/2021

To ,

Shri GOBIND SUGAR MILLS LIMITED SUGAR DIVISION
M/s GOBIND SUGAR MILLS LIMITED SUGAR DIVISION
AIRA ESTATE, KHAMARIA PANDIT, LAKHIMPUR KHIRI, LAKHIMPUR KHIRI, 262722
LAKHIMPUR KHIRI

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. GOBIND SUGAR MILLS LIMITED SUGAR DIVISION

Reference Application No :14034884

Dated :28/12/2021

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. GOBIND SUGAR MILLS LIMITED SUGAR DIVISION 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

Chief Environmental Officer, Circle-5, UPPCB.

Enclosed : As above
(condition of consent):

Copy to: Regional Officer, UPPCB, Lucknow.

Chief Environmental Officer, Circle-5, UPPCB.

U.P. POLLUTION CONTROL BOARD, LUCKNOW

Annexure to Consent issued to M/s.GOBIND SUGAR MILLS LIMITED SUGAR DIVISION vide

Consent Order No. 14034884/ Water

Dated : 28/12/2021

CONDITIONS OF CONSENT

1. This consent is valid for the approved production capacity of Sugar by crushing sugar cane 10,000 TCD and 39.7 Megawatt Co-generation Power Plant .
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	160 KLD	Septic Tank
2	Industrial	2000 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

- 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	30 mg/l
2	BOD	30 mg/l
3	COD	250 mg/l
4	Oil & Grease	10 mg/l

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

S.No	Soil Texture	Loading rate in m ³ /Ha/Day
------	--------------	--

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 consent is valid for the production of Sugar by crushing Sugar cane- 10,000 TCD and 39.7 Megawatt Co-generation Power.
2. This consent is valid for the current products and capacity. In Case of any change in process, capacity enhancement etc. No Objection Certificate shall be obtained from the Board.
3. The industry shall treat industrial effluent through ETP in such manner, so that quality of treated effluent meets the prescribed standards.
4. The industry shall ensure continuous operation of ETP in non crushing season of sugar unit.
5. The industry shall maintain and operate the ETP properly and the treated effluent/sewage shall be recycled and used for irrigation and shall ensure that no treated effluent is discharged in any surface water body.
6. The industry shall ensure to maintain and operate the PTZ webcam on the aeration tanks and at the final outlet of ETP.
7. The industry shall ensure regular operation of water flow meter at ETP outlet.
8. During no demand period for irrigation, the treated effluent shall be stored in a seepage proof lined pond having 15 days holding capacity and should be red marked at free Board.
9. The industry shall ensure to operate and maintain the online Continuous Effluent Monitoring System regularly.
10. The industry shall ensure to install the STP of adequate capacity for treatment of domestic waste water and submit a time bound program in this office within a month.
11. The industry shall follow the directions issued by the Ministry of Environment Forest and Climate Change, Delhi vide Notification no. GSR 35(E) dated 14/01/2016.
12. The industry shall be submit irrigation plan as per the protocol within one month.
13. The industry shall submit to proposal for installation of flow meter to ensure recycled condensate from sugar cane juice and cooling tower within 01 month.
14. The industry shall comply with the conditions as imposed in NOC from CGWA issued dated 28.02.2020.
15. The Order issued by Hon'ble Courts/Hon'ble NGT, MOEF, Central Pollution Control Board, U.P. Pollution Control Board, shall be complied with.
16. Generated hazardous waste shall be stored temporarily in the factory premises and disposed off through authorized TSDF after obtaining the authorization from the Board.
17. Industry shall submit the latest copy of Audited Balance Sheet/C.A. Certificate (Fixed Assets+ Current Assets - Current Liabilities) so the Consent fee payable by the industry may be verified.
18. Install Electromagnetic Pizo Meter at each point of water supply source and at effluent discharge point and ensure to timely send meter reading to department on monthly basis.
19. The industry shall comply with the provisions of Environment (Protection) Act 1986, Water (Prevention and Control of Pollution) Act, 1974 as amended, Air (Prevention and Control of Pollution) Act, 1981 as amended, Plastic Waste Management Rules 2016, E- Waste (Management) Rules 2016, Solid Waste Management Rules 2016 & Hazardous and other Waste (Management and Transboundary Movement) Rules 2016 (Whichever is applicable).
20. Industry shall develop green belt as per the Protocol attached with Board's office order H 16405 /220/2018/02 dated 16-2-2018, which is available on Board's website- www.uppcb.com.
21. The unit must submit within 01 month a proposal in the Board for installation of Sewage Treatment Plant for treatment of domestic sewage.

22. Conditions for Molasses Storage:

- i. The molasses shall be properly collected and stored in steel tank which shall be leak proof. At no stage of handling of molasses, there shall be leakage or spillage.
- ii. The capacity of tank for storage of molasses shall be such that it will take care of bumper production of sugar, non-lifting of molasses etc.
- iii. All the area on which molasses are stored and handled should be provided with drain for diverting the spills to the treatment plant/molasses tank. Suitable arrangements for accidental discharges of molasses from the tank shall be provided to contain the same within factory premises.
- iv. Destruction of molasses and its disposal shall not be done without specific permission in writing from the authorized officer of the Board. Intimation of intention to destroy or dispose of the molasses shall be given to the Board at least 15 days in advance by registered post under intimation to the Board.

V. The storage tanks shall be kept in good conditions all the year around with adequate maintenance. The tanks size and capacity per cm, height, total capacity in tones shall be displayed prominently near/on the tank.

23. Operation of ETP shall be started at least one month before starting of cane crushing to achieve desired MLSS. So as to meet prescribed standards from day one the operation of mill.

24. Industry shall maintain flow meter at the Final Outlet of ETP and maintain a logbook to record its readings.

25. Neither storm water nor discharge from other premises shall be allowed to mix with the effluents from the factory.

26. The industry shall ensure polluted water is not discharged into any stream so that the quality of Sharda river water is not adversely affected.

27. Industry to keep minimum number of fresh water taps in the sugar mill to reduce loss of water.

28. All pipe lines and vessels should be properly insulated to reduce steam consumption and water loss.

29. The unit must ensure compliance of the instruction given to it vide Board's letter H 61846/C-5/L/Jal/01/2021 dated 17.5.2021 regarding installation of Sulphate removal system.

30. The units must ensure to deposit the balance CTO (Water) fee of Rs. 50,000/-, in compliance to letter issued by Head Office ref. no. H 50937/C-5/L/Jal-1/2020 dated 14.7.2020, due towards renewal of previous CTO (water).

31. If closure order is issued by CPCB or UPPCB against the unit, then this CTO issued will remain suspended during the closure period and after ensuring the compliance and after revocation of closure order, the CTO will automatically be effective from the date of issuance of closure order revocation, with additional conditions mentioned in the closure revocation order.

Issued with the permission of competent authority .

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

Chief Environmental Officer, Circle-5, UPPCB.