



Ref: UEPPCB/HO/Gen-358/2015/ 3996-2275 Dehradun, March 21, 2015

Speed Post

To,

As per list enclosed.
(1-9 Sugar Industries)

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Directions under Section-33(A) of the Water (Prevention & Control of Pollution) Act, 1974 to ensure Water Conservation and Water Management from Sugar manufacturing units.

WHEREAS, among others, under Section-17 of the **Water (Prevention and Control of Pollution) Act, 1974**, one of the functions of the State Pollution Control Board (SPCB)/Pollution Control Committee (PCC), constituted under the Water (Prevention and Control of Pollution) Act, 1974 is to plan a comprehensive programme for prevention, control of abatement of pollution of streams and wells located in the State/UT and to secure the execution there; and

WHEREAS, the Central Government has notified the standards for discharge of environmental pollution from various categories of industries under the Environment (Protection) Act, 1986 and the rule framed there under; and

WHEREAS, the CPCB and SPCBs have been pursuing the polluting industries to install effluent treatment plants (ETPs) to comply with the effluent discharge standards as notified under the Environment (Protection) Act, 1986 and the Rules framed there under;

WHEREAS, the SPCBs/PCCs can stipulate stringent standards for discharge of environmental pollution from various categories of industries than those notified by the Central Government, under the Environment (Protection) Act, 1986 and rules framed there under; and

WHEREAS, various industrial units including sugar manufacturing units located in the state of Uttarakhand discharge effluent in the River Ganga and its tributaries or in catchment of Ganga basin, which adversely affect the water quality of River Ganga; and

WHEREAS, the UEPPCB issued direction dated 11.12.2014 under Section-33(A) of the **Water (Prevention and Control of Pollution) Act, 1974** to all Sugar Industries established in the State of Uttarakhand for ensuring the compliance given below as:

1. To ensure the operation of ETP at least one month before commencement of the next crushing season, stabilize and operate it as per the design criteria and also operate the ETP even after completion of the crushing season so that any effluent generated during washing and maintenance is discharged after proper treatment so that the treated effluent meets the prescribed standards prior to the disposal.

2. The unit shall not permitted to start its operation in the next crushing season till the unit upgrades/modifies/augments/dismantles all illegal bypass lines and produce documentary evidence and assure the operation of the ETP as per the prescribed effluent quality norms.
3. Units shall upkeep the logbook of ETP, energy meter system and establish an environmental laboratory to analyze minimum parameters.
4. The units shall implement all the necessary measures to reduce wastewater generation to 100 Liters per Tone of cane crushed and time bound action plan for Zero Liquid Discharge (ZLD) option.
5. The boiler stacks in Sugar units shall be provided with adequate monitoring arrangement as per CPCB document : COINDS/18/1984-85 & Emission Regulations Part III.
6. The units shall obtain consent under Water Act and Air Act from the Uttarakhand Environment Protection and Pollution Control Board and adhere to all the stipulated conditions before commencements of operation in the next season.
7. The records of water consumption, wastewater generation, and operation and maintenance of ETPs shall be maintained.
8. The units shall inform the action plan for proposed rain water management system.

WHEREAS, under the National Ganga River Basin Authority (NGRBA) it has been decided to address the issue of pollution of river Ganga in comprehensive and time bound manner; and

Whereas, the Hon'ble Prime Minister's Office reviewed the progress made in the activities of the NGRBA and has identified trust areas, including ensuring Zero Liquid Discharge and water conservation and management from feasible industrial sectors; and

WHEREAS, the Central Pollution Control Board issued directions under Section-18(1)(b) of the **Water (Prevention and Control of Pollution) Act, 1974** to the Chairman, Uttarakhand Environment Protection and Pollution Control Board for implementation of Water conservation and Water Management in Sugar Industries.

NOW THEREFORE, in view of the above and in exercise of the powers conferred under **Section-33(A)** of the **Water (Prevention and Control of Pollution) Act, 1974**, the Competent Authority of the **Board** do hereby direct you to take adequate steps to implement the following compliances in the Sugar manufacturing units to ensure that Water Conservation and management is achieved;

1. All the Sugar manufacturing units in the State are directed to achieve following compliance as:
 - (i) Wastewater generation to be limited to **40 Litres/Tone** of Cane Crushed by next crushing season or before November, 2015.
 - (ii) Establish mini cooling tower or polishing tank for recycling the excess condensate water to process/utilities/allied units by November, 2015.
 - (iii) Upgrade ETP system to meet the discharge standards for irrigation by November, 2015.
 - (iv) All industries has to submit the irrigation plan before the starting of next crushing season (2015-16).
 - (v) No treated effluent will be discharged into drain or river henceforth. Treated effluent will be re-used in the process or to be used for irrigation purpose after meeting the standards.
2. The progress achieved in compliance of implement the earlier directions dated 14.01.2015 towards installing Online Effluent Quality Monitoring System at the outlet

of Effluent Treatment Plants and details of progress achieved by Units as per the direction dated 11.12.2014 shall be communicated to the Board's offices.

3. The present direction supersedes all the previous directions from UEPPCB related to Zero Liquid Discharge (ZLD) in the Sugar manufacturing sector.
4. **It may be noted, as you are aware, that such a commitment for achieving zero liquid discharge by Sugar manufacturing units/GPIs in the Ganga Basin is being submitted time to time before the Hon'ble Supreme Court of India and the Hon'ble NGT, Delhi in the related litigations pending before the Hon'ble Courts.**

The action taken report shall be submitted to the UEPPCB within 10 days from the date of receipt to these directions along with a time bound action plan for compliance of the direction. Industry shall also acknowledge the receipt of these directions to UEPPCB by return fax. (Fax: 0135-2718092).

This is issued with the approval of the Competent Authority of the Board.

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(Vinod Singhal)
Member Secretary

Copy to:-

1. **Chairman, Central Pollution Control Board, Parivesh Bhawan, East Arjun Nagar, Sahadara, Delhi** for kind information please.
2. **Chairman, Uttarakhand Environment Protection & Pollution Control Board, Dehradun** for kind information please.
3. **Environment Officer / Scientific Officer, UEPPCB, Head Office, Dehradun** for kind information please. Copy of the CPCB's direction is also enclosed for kind perusal.
4. **Regional Officer (I/c), Uttarakhand Environment Protection & Pollution Control Board, Haldwani / Roorkee / Kashipur/ Dehradun** for kind information and strict compliance of above directions. Copy of the CPCB's direction is also enclosed for kind perusal.
5. **Consent File of the Unit.**

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Member Secretary

19.05.2015

List of Sugar Industries (March-2015)

1. Managing Director/Director M/S Kishan Sahakari Chinni Mills Ltd., Gadarpur, Distt. - US Nagar (Uttarakhand)	2. Managing Director/Director M/S R.B.N.S. Sugar Mills Ltd., Laksar - 247 663 Distt. - Haridwar (Uttarakhand)
3. Managing Director/Director M/S Doiwala Sugar Com. Ltd., Doiwala - 248 140 Distt. - Dehradun (Uttarakhand)	4. Managing Director/Director M/S The Kishan Sahakari Chinni Mills Ltd., Sitarganj, Distt. - US Nagar (Uttarakhand)
5. Managing Director/Director M/S Kichha Sugar Com. Ltd., Kichha - 244 714 Distt. - US Nagar (Uttarakhand)	6. Managing Director/Director M/S Lakshmi Sugar Mills Com. Ltd., Iqbalpur - 262 405 Distt. - Haridwar (Uttarakhand)
7. Managing Director/Director M/S The Kishan Sahakari Chinni Mills Ltd., Nadehi - 244 717 Distt. - US Nagar (Uttarakhand)	8. Managing Director/Director M/S Uttam Suagr Ltd., Vill Libberheri, Parganra- Manglore Tehsil - Roorkee, Distt. - Haridwar (Uttarakhand)
9. Managing Director/Director M/S Bazpur Cooperative Sugar Factory (Sugar Unit), Bazpur (USNagar) (Uttarakhand)	

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