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Government of Karnataka Proceedings

Sub: Regarding the implementation of the declaration in clause-391 of the budget speech for the year 2024-25 that “reuse of treated waste water in private residential complexes will be encouraged as per the norms laid down by the Pollution Control Board”.

Read: 1. Government Order No. FEE 188 ENV 2003,
Date: 14.08.2003.
2. Proceedings of the meeting held by the Minister for Forest, Environment and Ecology dated: 06.03.2024.

Preamble:-

In exercise of the powers conferred on the State Government under Rule 5 of the Environment (Conservation) Act, 1986 in order (1) read above, ban has been imposed for using drinking water for horticulture works, washing, servicing and cleaning of vehicles, including other intended uses of potable water such as gardens, resorts and golf courses, private in the city of Bangalore.

The Commissioner, Bangalore Municipal Corporation, Director, Horticulture Department, to ensure that the private developer, Government of Karnataka and Central Government take all necessary steps to ensure that only tertiary level water is used for all civil works activities such as multi-storied building, commercial complex, residential complex, road and bridge construction works in Bangalore city. An order has been issued to the Chairman, Karnataka State Pollution Control Board, Secretary to the Government, Public Works Department and Principal Secretary to the Government, Transport Department to ban the use of potable water in Bangalore city for other activities.

In the meeting proceedings of (2) read above, the Hon'ble Minister of Forestry and Environment, in order to avoid the water crisis that may occur in the coming days, the Hon'ble Chief Minister in his budget speech for the year 2024-25- 391 “Reuse of treated waste water in private residential complexes as per the norms laid down by the Pollution Control Board. Karnataka State Pollution Control Board, Bengaluru Water Supply to take necessary measures to reuse treated water in Sewage Treatment Plants in the background of current water shortage in Bengaluru city due to falling ground water level especially in Bangalore city.

Upon examining the proposal, it is ordered as follows.

Government Order No. FEE 49 ENG 2024
Bangalore, dated: 22.03.2024

As explained in the proposal, regarding the treatment and use of waste water produced in Sewage Treatment Plant, permission has been given to reuse the treated waste water in private housing complexes as per the standards set by the Pollution Control Board.

1. The treated wastewater should be as per the following parameters set by Central / State Pollution Control Board.

No.	Parameter	Limits
1.	pH	6.5-8.5
2.	BOD	<10mg/L
3.	COD	<50mg/L
4.	TSS	<10mg/L
5.	Ammoniacal Nitrogen	<5 mg/L
6.	Total Nitrogen	<10mg/L
7.	Faecal Coliform	<100 MPN/100ml

2. Residential complexes can reuse at least 50% of the treated water in themselves and the remaining water can be used only for commercial activities.

3. Treated water may be allowed for construction, industrial, horticulture, fire fighting, dust abatement, mining, use or augmentation of ground water level with prior approval of Competent Authority / BWSSB.
4. Use of treated waste water for drinking purposes, pharmaceutical manufacture and food processing is strictly prohibited.
5. Both buyer and seller are jointly responsible for ensuring water quality and a Memorandum of Understanding (MOU) is required in this regard.
6. Apartments distributing treated water externally should follow strict measures including CCTV surveillance, maintenance of comprehensive logbook to check quality and quantity data and taking action to allow only maximum 50% treated water to be sent out.
7. Vehicles/tankers used for transportation of recycled water shall have "Recycled Water Transportation Vehicle" written in bold letters.

This order is issued in concurrence with the Planning
Department's Note No: PDS/21/PFR/2024, dated: 15.03.2024
Finance Department Note vide No: FD 160 Expenditure-5/2024
Dated: 22.03.2024.

By orders and in the name of
Governor of Karnataka
Sd/-
(B.N.Praveen)
Under Secretary to Government,
Forest, Environment and Ecology
Department,
(Wildlife and Environment)