



**BANGALORE WATER SUPPLY AND SEWERAGE BOARD**  
Office of E.I.C, 2<sup>nd</sup> floor, Cauvery Bhavan, K.G.Road, Bangalore-560009

NO:BWSSB/ E.I.C/TA-III/1235/2015-16

Dt: 19/5/2015

**CIRCULAR**

Sub: **Effective O&M of STP's installed in apartments and Commercial complexes – Enforcement regarding.**

Ref: ಸಂಖ್ಯೆ: ನ.ಅ.ಇ/138/ಎಂಎಸ್‌ಐ/2013, ದಿ:04.03.2013.

**Preamble:**

With the rapid urbanization multistoried housing complexes and commercial complexes have mushroomed in the city thereby putting enormous pressure on fresh water requirement as well as ecology and environment. Keeping this in view, it is already being practiced to install urban reusable standard STP's in all the housing complexes which are having 100 and more dwelling units (flats) and 10,000 Sq.mts of built-up area in respect of non residential building or complexes. Though it is being implemented, however of late, it has been noticed by the Government that majority of the STP's installed in various housing complexes /commercial complexes are either not working at all or not functioning effectively thereby defeating the very purpose for which they were installed. Further, letting out of untreated waste water from several point sources are also affecting the water bodies in the city against which several PILs are also being heard by the Honorable High court of Karnataka. The Honorable Lokayuktha, Govt. of Karnataka is also regularly monitoring the pollution of lakes and has directed all the related agencies to take steps to prevent pollution of lakes.

Taking note of the same, the Govt. in its order No.ನ.ಅ.ಇ/138/ಎಂಎಸ್‌ಐ/2013, dt:08/11/2013 had constituted an expert committee to inspect all such installations and to make such recommendations to the Govt. towards effective functioning of STPs. Accordingly the committee which had inspected various installations has submitted its recommendations. The Govt. in the above cited order has directed BWSSB, BBMP and BDA to implement the recommendations of the expert committee.

Order thereon

- It is mandatory that all the housing complexes having 100 and more number of dwelling units (Flats) shall invariably install reusable standard STPs and reuse the water for secondary purposes.
- It is mandatory that all the commercial complexes having built up area of 10000 Sq.Mt and above shall invariably install reusable standard STPs and reuse the water for secondary purposes.
- Towards effective O&M of already established /STP proposal in housing complexes and commercial complexes external additives like Microorganisms for bio culturing shall be effectively used to accelerate the treatment and in the process reduce the load of impurities present in waste water and odour to a great extent thereby saving energy beside effectively treating the waste water to the required urban reuse standards.
- The external additives (Microorganisms) may optionally be used wherever there are no STP's in housing complexes having less than 100 units to reduce the load on sewerage system.
- The commercial complexes shall also use the external additives (Microorganisms) for bio culturing in their STP to reduce load on treatment units and effectively treat waste water to urban reuse standards.
- All the STP's shall invariably be provided with single low cost probe equipped with GPRS communication for obtaining instantaneous online general performance of treatment which shall be configured to the server maintained @ BWSSB/PCB to monitor the same.
- The external additives (Microorganisms) suitable for bio culturing along with the probes equipped with GPRS communications may be sourced from the following approved vendors.

1. KPS enterprises, # 204, 8<sup>th</sup> cross, MSIL Building, Chamrajpet, Bengaluru-560018.

Contact No. 8197055366

2. Kolte Patil biotech, #5, 1<sup>st</sup> cross, 1st main, Phukta layout, Bengaluru-560030.

Contact No. 9902070101

3. Jyothi Electricals, #60, Sirsi road cross, Chamaraipet, Bengaluru-560018.

Contact No. 9535315866

The above instructions shall come into effect immediately. All the EE/AEEs of O&M shall ensure that all the housing complexes and commercial complexes should implement the same.

  
Engineer-in-Chief  
BWSSB

Copy Submitted to Chairman, BWSSB for kind information  
Copy to Commissioner, BBMP for information.  
Copy to Commissioner, BDA for information.  
Copy to Commissioner, KSPCB for information.  
Copy to Commissioner, BMRDA for information,  
Copy to Member Secretary, KSPCB for information.  
Copy to CE (M)/CE (WWM) for information.  
Copy to CEO, KSPCB for information.  
Copy to EIC, BBMP for information.  
Copy to Additional Director, Town Planning, BBMP for information.  
Copy to ACE (M)-I, II&III for information and necessary action.  
Copy to all EEs & AEEs of O&M for information and should inspect all the STPs of housing complexes/commercial complexes within their jurisdiction and implement the orders on priority.