

## FLOWMETER INSTALLATION REQUIREMENTS

1. Comply with all code requirements (Plumbing, Electrical, Building, etc.)
2. Open channel flowmeters only
3. Continuous uninterrupted power supply (i.e. AC power supply)
4. Non-resettable totalizer
5. Visible designation of the multiplier factor ( x10, x100, x1000, etc. )
6. Units in cubic feet (CF), Tens of cubic feet (DCF), or hundreds of cubic feet(CCF) (Units visible)
7. Plumbing, site plans, and flow metering system specifications submitted in writing and certified by a licensed professional engineer to the Flow Meter Review Committee.
8. Flowmeter to include cellular modem for data transfer.
9. Primary device is not to restrict solids
10. Totalizer accessibility approved by Metro Water
11. Installation designed to peak and minimum flows
12. Flow metering system must collect the total discharge from the facility when used for sewer billing (Process and sanitary waste)
13. Flow metering systems' accuracy to be within Departments' specifications of best application practical
14. Initial calibration to certify correct flow reading through system and ending totalizer reading (Units and multiplier factor)
15. Meter's accuracy to be constantly maintained and calibrated as often as necessary to assure proper flow readings. The recalibrations are to be performed, at least every six (6) months and in accordance to manufacturer's specifications. The flow system certification letter is to be sent to:  
  

**Customer Service Center  
Billing Section  
1700 3<sup>rd</sup> Avenue North  
Nashville, TN 37208**
16. List total number of dials the meter has.
17. Any discrepancies in flow will require the customer to bear the burden of proof.
18. All flowmeters must be compatible or able to communicate with our FlowLink software.
19. Should an existing flow metering system be replaced, the requirements listed above must be met.