

INSTRUCTIONS FOR CONSTRUCTION METER USE

CAUTION

THE MAIN PRESSURE THROUGHOUT THE CITY CAN VARY FROM 50 to 120+ psi

1. Connections are only allowed to authorized and assigned hydrants per the permit application.
2. Inspect the condition of the hydrant before connecting the meter.
 - a. Operating Nut
 - b. Are there visible Leaks on the ground or anywhere around the hydrant?
 - c. Check to insure nozzle caps not used are snug and secure.
 - d. Are there damaged threads on nozzle you are connecting to?

(If any problems are found, notify Public Works Department at 303-428-0422)

3. Connect the short hose supplied with the meter/backflow assembly to the meter and hydrant. Direct installation to the fire hydrant **IS NOT ALLOWED** due to the assembly length and weight.
4. Open the throttle valve on the meter assembly slightly to dispel air and prevent water hammering the meter before opening the hydrant.
5. Using **only** a proper 1-1/2" pentagon hydrant wrench, open the hydrant **FULL OPEN**.
(Federal Heights hydrants open **LEFT**)
6. After dispelling any air, and with the hydrant **FULLY OPEN**, regulate the desired flow with the throttle valve on the meter assembly. **DO NOT use the hydrant to regulate or stop water flow through the meter. Close the hydrant, only when you are finished using the water and will be disconnecting the meter.**
7. When closing the hydrant or throttle valve, do so **VERY SLOWLY** to prevent damage to the hydrant or water main due to "*Water Hammer*".
8. Disconnect the meter unit overnight and store inside to prevent theft, vandalism, or damage due to freezing weather. The backflow portion of the assembly retains water that will damage the unit when subjected to freeze conditions.
9. Monitor the meter periodically during use to make sure it is registering the flow correctly. Notify the Public Works Department at 303-428-0422 if it is not and to coordinate for a replacement meter.
10. If the meter is needed longer than the initial 90 day period it must be inspected by the Public Works Department prior to any extension authorization.