



### **CONTRACTOR INSTALLED SERVICE VALVES LARGER THAN 50MM**

Water Services is implementing changes to the required process to be followed by contractors when working on installed service valves larger than 50 mm to mitigate risks to the quality and supply of water provided to customers. This process takes effect July 1, 2018.

#### **Consultants and contractors are to adhere to the following requirements:**

1. All work is to comply with Waterworks Standard Specification 504.09.00.
2. The contractor must notify Water Services and Inspection Services (assigned Utility Inspector) 24 hours in advance of any flushing activity via email to [LIMSResults@calgary.ca](mailto:LIMSResults@calgary.ca) and provide the planned chlorination date.
3. The contractor has permission to operate the service valve for the preliminary flush, pressure test and chlorination subject to the following conditions:
  - a) Prior to the start of chlorination the Inspector will be onsite to ensure chlorine cannot migrate to the public water system.
  - b) Valve operation during chlorination is to be under the direct supervision of the Utility Inspector.
  - c) Prior to opening the service valve on the street, the contractor must ensure that there will be positive pressure by having an end point open for flushing. The Inspector will be onsite to ensure the flushing end point is open prior to opening the service valve to start flushing the chlorinated water.
  - d) The Contractor must ensure positive pressure is always maintained and will not close the flushing end point prior to closing the service valve on the city side of property line.
  - e) Once chlorine is injected into the newly installed pipe to the satisfaction of the Utility Inspector, the Inspector will ensure the water valve is closed tight prior to closing the flushing end point. If resilient seat valves are not closed tightly, leak-by can occur.
  - f) The Utility Inspector will then ensure the contractor installs a tag-out disc on the service valve and clearly marks on the disc "CHLORINE IN", Contractor Name and 24/7 contact information.
  - g) Valve Rods are not to be removed.
  - h) When flushing is complete and the sample obtained, the service valve will be left in the open position.
  - i) When sample results are received and deemed to be acceptable, the Inspector will place an approval tag on the Master Control Valve.
  - j) If the sample results are unacceptable, the Inspector will contact the contractor immediately and instruct that the service valve be turned off immediately.



- k) The Inspector will immediately contact Drinking Water Distribution, Operations & Maintenance, and will then go to the site immediately to confirm the turn off. The process would then return to step 1.

Questions pertaining to this process should be directed to Natasha Kinloch at [natasha.kinloch@calgary.ca](mailto:natasha.kinloch@calgary.ca) or (403) 268-4301.