

SUBJECT	ISSUED BY	EFFECTIVE DATE
WATER DISTRIBUTION SYSTEM VALVE MAINTENANCE PROGRAM POLICY	CITY COUNCIL	FEBRUARY 3, 2025

**POLICY STATEMENT:**

The City of Washington believes that it is in the best interest of the water distribution system and its utility customers to update the valve maintenance program policy. This policy will provide guidance to city personnel regarding a maintenance program for water distribution system valves.

**PURPOSE:**

The purpose of this maintenance program is to allow for identification and location of water valves within the water utility distribution system; allow for quick, efficient shutdown in the event of a utility emergency or other maintenance requirements; and to identify and establish a scheduled maintenance program which will provide for exercising of valves on a regularly scheduled basis.

**Valves**

The water distribution system consists of 175 valves, ranging in size from two to eight inches in diameter. This does not include isolation valves located in front of fire hydrants.

50 -8" valves 26 turns to close and 26 turns to open

89 -6" valves 20 turns to close and 20 turns to open

32 -4" valves 14 turns to close and 14 to open

4 -2" valves 8 turns to close and 8 turns to open

**Implementation**

This program began in the fall of 2019. The water distribution system began a capital improvement project in 2019 which will included the replacement of approximately 75-80 percent of the distribution system valves. The project took a two-year period to complete. All inoperable valves were replaced during the project.

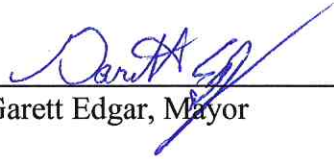
**Procedure**

All valves have been located, identified with a number, and recorded. Valve boxes have been raised, and will be maintained during street maintenance or repairs.

Valves will be exercised on a routine maintenance schedule as determined by staff, not to exceed once every three years.

Valves which are identified in need of repair or replacement will be prioritized and scheduled.

Approved By:

  
\_\_\_\_\_  
Garrett Edgar, Mayor