

**LEVEL OF SERVICE**

Item	Action	Frequency	Reference
Critical Valves	Valve turning	Annually	AWWA G200 <sup>1</sup> AWWA M44 <sup>2</sup>
Non-critical Valves	Valve turning	25% Annually (4 year cycle)	AWWA G200 AWWA G44
Hydrant	Flushing	Annually	AWWA G200 AWWA M17 <sup>3</sup> NFPA 291 Section 4.13.2 <sup>4</sup>
Hydrant	Flow Testing	20% annually (5 year cycle)	AWWA G200 AWWA M17 NFPA 291 Section 4.13.2
Sewer	CCTV	7% annually (15 year cycle)	WEF <sup>5</sup> OCMBP <sup>6</sup> ASCE, 1998
Sewer	Flushing	20% annually (5 year cycle)	WEF OCMBP ASCE, 1998
Manhole	Inspections	20% annually (5 year cycle)	WEF OCMBP ASCE, 1998

<sup>1</sup> AWWA G200 – Distribution Systems Operation and Management

<sup>2</sup> AWWA M44 – Distribution Valves: Selection, Installation, Field Testing and Maintenance

<sup>3</sup> AWWA M17 – Installation, Field Testing, and Maintenance of Fire Hydrants

<sup>4</sup> NFPA 291 Section 4.13.2 Public Hydrant Testing and Flushing

<sup>5</sup> WEF – Manual of best practice

<sup>6</sup> OCMBP – Ontario Center for Municipal Best Practice