TITLE 10A
*WATER UTILITY CODE**

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Chapter 10A.05
Purpose and Definitions

Sections:

10A.05.010 Purpose.
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10A.05.010 Purpose. The purpose of this Title is

(1) to provide for the regulation of the City of Pullman water system, including the construction of new facilities, in order to provide for a uniform and integrated water system, to protect the public health, safety, and welfare, and to carry out the water system plan of the City.

(2) to establish the authority for the acquisition, design, construction, maintenance, management, and operation of the City's water system. (Ord. 88-23 §1, 1988).

10A.05.020 Definitions. Words used in this Title shall have their normal and customary meaning, unless specifically defined otherwise. The following words and terms used in this Title shall have the following meanings unless when used the context thereof clearly indicates to the contrary.

*** For Statutes relating to utilities, see RCW Chapter 35A.80.**

(1) "Air-Gap Separation" means a physical separation between the free flowing discharge end of a potable water supply pipeline and an open or non-pressure receiving vessel. An "approved air-gap separation" shall be at least double the diameter of the supply pipe measured vertically above

the overflow rim of the vessel which in no case shall be less than one inch.

(2) "Approved" when used in reference to a water supply, an air-gap separation, a double check valve assembly, a reduced pressure principle backflow prevention assembly, or other backflow prevention assemblies or methods means one that has the approval of the Department of Health.

(3) "Atmospheric Vacuum Breaker" (also known as the "non-pressure type vacuum breaker") means an assembly containing a float-check, a check seat and an air inlet port. The flow of water into the body causes the float to close the air inlet port. When the flow of water stops, the float falls and forms a check valve against backsiphonage and at the same time opens the air inlet port to allow air to enter and satisfy the vacuum. A shutoff valve immediately upstream may be an integral part of the assembly. An atmospheric vacuum breaker is designed to protect against a health hazard (i.e. contaminant) under a backsiphonage condition only.

(4) "Backflow" means the undesirable reversal of the flow of water or mixtures of water and other liquids, gases, or other substances into the distribution pipes of the water system from any source or sources.

(5) Backflow Prevention Assembly - Approved: "approved backflow prevention assembly" means an assembly that has been investigated and approved by the Department of Health. The type of assembly used should be based on the degree of hazard either existing or potential. The types are:

(a) Double Check Valve Assembly

(b) Double Check-Detector Check Valve Assembly

(c) Pressure Vacuum Breaker

(d) Reduced Pressure Principle Assembly

(e) Reduced Pressure Principle-Detector Assembly

(f) Atmospheric (non-pressure) Vacuum Breaker

(6) "Certified Backflow Assembly Tester" means a person who is certified by the Department of Health to inspect and test backflow prevention assemblies.

(7) "Certified Cross Connection Control Specialist" means a person who is certified by the Department of Health to administer a Cross Connection Control Program and to conduct cross connection surveys.

(8) "Contamination" means an impairment of the quality of the water which creates an actual hazard to the public health through poisoning or through the spread of disease by sewage, industrial fluids, or waste.

(9) "Cross Connection" means any unprotected actual or potential connection or structural arrangement between a customer's water system and any other source or system through which it is possible to introduce into any part of the water system any used water, industrial fluid, gas, or substance other than the intended potable water with which the system is supplied. Bypass arrangements, jumper connections, removable sections, swivel or changeover devices, and other temporary or permanent devices through which or because of which "backflow" can or may occur are considered to be cross-connections.

(10) "Customer" means the legal owner as shown on the records of the Whitman County Assessor of a parcel of property served by the City's water system or that person's agent.

(11) "Customer's Water System" means all water lines, pipes, plumbing and appurtenant apparatus between a customer's water meter and the points of water use on a premises.

(12) "Department" means the City of Pullman Department of Public Works.

(13) "Department of Health" means the Washington State Department of Health.

(14) "Developer" means a person proposing to cause the construction of any extension to the City's water system.

(15) "Director" means the Director of Public Works of the City of Pullman or his or her authorized representative.

(16) "Double Check Valve Assembly" means an assembly composed of two independently acting, approved check valves, including tightly closing shut-off valves attached at each end of the assembly and fitted with properly located test cocks. This assembly shall only be used to protect against a non-health hazard (i.e., pollutant).

(17) "Double Check-Detector Check Valve Assembly" means a specially designed assembly composed of a line-size approved double check valve assembly with a specific bypass water meter and a meter-sized approved double check valve assembly. The meter shall register accurately for only very low rates of flow and shall show a registration for all rates of flow. This assembly shall only be used to protect against a non-health hazard (i.e., pollutant).

(18) "Dwelling Unit" as used in defining rates under the provisions of Chapter 10A.35 for user services means an independent living unit within a dwelling structure designed and intended for occupancy by not more than one family and having its own housekeeping and kitchen facilities.

(19) Hazard - Degree of: "Degree of Hazard" means the result from the evaluation of conditions within a system which can be classified as either a "pollutional" (non-health) or a "contamination" (health) hazard.

(20) Hazard - Health: "Health Hazard" means an actual or potential threat of contamination of a physical or toxic nature to the water system or the customer's potable water system that would be a danger to health.

(21) Hazard - Pollutional: "Pollutional Hazard" means an actual or potential threat to the physical properties of the water system or the potability of the public or the customer's potable water system but which would not constitute a health or system hazard. The maximum degree or intensity of pollution to which the potable water system could be degraded under this definition would be one which would cause a nuisance or be aesthetically objectionable, or could cause minor damage to the system or its appurtenances.

(22) Hazard - System: "System Hazard" means an actual or potential threat of severe danger to the physical properties of the public or the customer's water system or of a pollution or contamination which would have a protracted effect on the quality of the potable water in the system.

(23) "Multiple Residential Unit" means a structure consisting of two or more dwelling units contained under one roof and held under one common ownership.

(24) "Person" means any individual, firm, company, association, society, corporation, or group.

(25) "Pollution" means an impairment of the quality of the water to a degree which does not create a hazard to the public health but which does adversely and unreasonably affect the aesthetic qualities of such waters for domestic use.

(26) "Premises" means the real property of a customer including appurtenances thereto.

(27) "Pressure Vacuum Breaker" means an assembly containing an independently operating internally loaded check valve and an independently operating loaded air inlet valve located on the discharge side of the check valve. The assembly is to be equipped with properly located test cocks and tightly closing shut-off valves attached at each end of the assembly. This assembly is designed to protect against a health hazard (i.e., contaminant) under a backsiphonage condition only.

(28) "Reduced Pressure Principle Backflow Prevention Assembly" means an assembly containing two independently acting approved check valves together with a hydraulically operating, mechanically independent pressure differential relief valve located between the check valves and at the same time below the first check valve. The unit shall include properly located testcocks and tightly closing shut-off valves at each end of the assembly. This assembly is designed to protect against a health hazard (i.e., contaminant).

(29) "Reduced Pressure Principle-Detector Assembly" means a specially designed assembly composed of a line-size approved reduced pressure principle backflow prevention assembly with a specific bypass water meter and a meter size approved reduced pressure principle backflow prevention assembly. The meter shall register accurately for only very low rates of flow and shall show a registration for all rates of flow. This assembly shall be used to protect against a health hazard (i.e., contaminant).

(30) "User" means the customer or the occupant of the customer's property who uses or has available for use water service connected to the City's water system from which city water is available and can be withdrawn or

used, and is the person responsible for paying for water use as shown on the records of the City Finance Department.

(31) "Water Main" means the pipe used or intended for use for the distribution of water to customers through service lines, and may also be referred to as "main".

(32) "Water Meter" means the device used for the measurement of water delivered to a user.

(33) Water - Potable: "Potable Water" means water from any source which has been investigated by the Department of Health, and which has been approved for human consumption.

(34) "Water Service Connection" means that portion of the public water line running from a water main, or from a stub line of a water main, in a street, right-of-way or easement to the water meter of the customer to be served. A water service connection consists of a saddle, corporation stop, water service line, meter setter, meter, meter box and appurtenances, or any combination thereof as may be required to furnish the requested service.

(35) "Water System" means the City's system of conduits, pumps, wells, and structures used for the purpose of withdrawing, storing, and conveying potable water from its source to and including the water meters of users of that water. (Ord. No. 92-17 §1, 1992; Ord. No. 88-23 §2, 1988).

Chapter 10A.10
General Administration

Sections:

10A.10.010 Authority of the Director.
10A.10.020 Easements.
10A.10.030 Consent to Inspection.
10A.10.040 Inspections - Right of Entry.
10A.10.060 Maintenance of Water System.
10A.10.070 Unauthorized Use or Interference With Waterlines Prohibited.
10A.10.080 Correction and Discontinuance of Unsafe, Nonconforming, or Unauthorized Conditions.
10A.10.090 Violation - Penalty.
10A.10.100 Provisions Not Exclusive.

10A.10.110 General Duty.
10A.10.120 Severability.

10A.10.010 Authority of the Director. The Director shall have the authority to

(1) administer the acquisition, design, construction, maintenance, and operation of the water system.

(2) administer and enforce the provisions of this Title relating to the design, construction, alteration, extension, maintenance, operation, and use of the water system.

(3) inspect the water system and that portion of private systems up to and including backflow prevention devices installed to separate or isolate a customer's premises from the water system as needed to determine compliance of such systems with the provisions of this Title.

(Ord. 88-23 §3, 1988).

10A.10.020 Easements. As a condition of granting permission to a person seeking permission to connect to the water system, the Director may require that such person convey to the City an easement for water line purposes. The scope of the easement may be as broad as the Director determines is necessary to make such connection and to provide for a compatible present integration with the water system and its future expansion. (Ord. 88-23 §4, 1988).

10A.10.030 Consent to Inspection. As a condition of issuing any permit or authorization which requires approval of the Director, each person holding such a permit or authorization and their successors shall be required to consent to reasonable inspections by the Director of the property for which the permit or authorization has been granted. Failure to grant the required consent shall be cause for revoking the permit or authorization. (Ord. 88-23 §5, 1988).

10A.10.040 Inspections--Right of Entry. Whenever the Director determines that it is necessary to enter upon a customer's premises to make an inspection or to enforce any of the provisions of this Title, or whenever the Director has reasonable cause to believe there exists on a customer's premises any condition which is potentially hazardous to the water system, the Director may enter onto such premises at all reasonable times to inspect and take whatever action the Director determines is appropriate to correct the unsafe condition; provided the Director shall first make a reasonable effort to contact the user or customer and

present proper credentials to such person prior to requesting entry onto the premises. If entry is refused, the Director shall have recourse to every remedy provided by law to secure entry. (Ord. 88-23 §6, 1988).

10A.10.060 Maintenance of Water System. All tanks, reservoirs, water meters, water mains, pipe, couplings, shutoff valves, stop cocks, and every other kind of equipment or material in use or in place as a part of the City's water system and which are located in any street, alley, city park, city property, or in any easement or franchise belonging to the City of Pullman, or located upon private property from a water main of the water system to and including the water meter belong to the City and are subject to the exclusive control and regulation of the City. All pipe and connections from the water meter to the premises served by city water are the property and the sole responsibility of the customer. (Ord. 88-23 §8, 1988).

10A.10.070 Unauthorized Use or Interference With Water Lines Prohibited. No person shall

(1) procure water in any manner from the water system without having first applied for and obtained water service from the City as provided for in Chapter 10A.15.

(2) interfere in any manner with any water pipeline or other device in the water system without the prior permission of the Director.

(3) tamper with any valves, curbstops, water meters in the water system, or in any other manner tamper with or alter the water system for the purpose of turning water on or off without the prior permission of the Director.

(4) cut, alter, change, remove, disconnect, connect with, or in any manner interfere, meddle, or tamper with any fire hydrant installed on the water system; provided, however, that the prohibition of this subsection shall not apply to,

(a) personnel of the fire department when acting in their line of duty; or

(b) persons connecting to fire hydrants who have obtained prior permission to do so from the Director.

(5) make any physical connection between a private water supply and the water system without the approval of the Director. (Ord. 88-23 §9, 1988).

10A.10.080 Correction and Discontinuance of Unsafe, Nonconforming, or Unauthorized Conditions. Whenever the Director determines that a condition existing on any premises is in violation of, or contrary to any provision of this Title, the Director may order the correction of such condition or the discontinuance of any activity causing the condition. (Ord. 88-23 §10, 1988).

10A.10.090 Violation--Penalty. Any violation of this Title shall be deemed a civil infraction and any person found violating this Title shall be fined in an amount not to exceed five hundred dollars for each violation. Each day in which a violation shall continue shall be deemed a separate offense. In lieu of a court appearance, any person or entity charged with having committed a civil infraction may forfeit to the city the sum of fifty dollars for each such violation. For any user who becomes delinquent in the payment of water rates, fees, and charges established by the City Council, the finance director may require, as a condition of further service, a security deposit in an amount not to exceed twice the average monthly bill of the user over the preceding twelve months. (Ord. 99-38 §1, 1999; Ord. 88-23 §11, 1988).

10A.10.100 Provisions Not Exclusive. Nothing in this Title shall be construed to abrogate or impair the power of the City to enforce any provision thereof by any action not specifically provided for herein. Powers conferred by this Title are additional and supplemental to powers conferred by other laws. (Ord. 88-23 §12, 1988).

10A.10.110 General Duty. None of the provisions of this Title are intended to create a cause of action or provide a basis for a claim against the City, its officials, or employees for the performance or failure to perform a duty or obligation running to a specific individual or specific individuals. Any duty or obligation created herein is intended to be a general duty or obligation running in favor of the general public. (Ord. 88-23 §13, 1988).

10A.10.120 Severability. The provisions of this Title are hereby declared to be severable. If any section, subsection, sentence, clause, or phrase of this Title or its application to any person or circumstance is for any reason held to be invalid or unconstitutional, the remainder of this Title shall not as a result of said section, subsection, sentence, clause, or phrase be held unconstitutional or invalid. (Ord. 88-23 §14, 1988).

Chapter 10A.15
Connection to Water System

Sections:

10A.15.010 Application for Service.
10A.15.020 Meters Required - Exceptions.
10A.15.030 Responsibility and Liability of Customer and City.
10A.15.040 Interruption of Service.
10A.15.050 Service Outside of City Limits.

10A.15.010 Application for Service. Any person desiring to connect to the water system shall make application therefore through the Department of Public Works on such forms as are provided by the Director. The application must be signed by the applicant and be accompanied by payment for any required charges or fees. The application is merely a written request for service and does not obligate the City to provide service. (Ord. 88-23 §15, 1988).

10A.15.020 Meters Required - Exceptions. There shall be no unmetered connections to the water system, except

(1) to fire hydrants.

(2) to automatic sprinkler systems for fire protection services when the unmetered connections are approved by the Director.

(3) to fire service lines.

(Ord. 88-23 §16, 1988).

10A.15.030 Responsibility and Liability of Customer and City.

(1) The City, its officers, and employees shall not be responsible for any loss or damage of any nature whatsoever caused by

(a) any defect in the customer's line, plumbing, or equipment.

(b) water passing through the customer's valves and pipes which may be open or defective at the time water is ordered turned on by the customer.

(c) high or low water pressure conditions, water interruptions, or shortage or insufficiency of

water supply. The use of water upon the premises of the customer is at the risk of the customer, and the responsibility of the City shall cease at the point of delivery of water which shall be at the customer's side of the water meter.

(d) water service being temporarily interrupted as provided for in 10A.15.040 or cutoff to a user for nonpayment of charges as provided for in 10A.35.030.

(e) the effects resulting from the breaking of a pipe, connection, or other part of the water system because of pressure, accident, or other cause which is not the fault of the City.

(2) The City does not assume the duty of inspecting a customer's water line, plumbing, or equipment located beyond the customer's side of the water meter to points of water usage on a customer's premises and shall not be responsible therefore, and will not be responsible if a customer fails to receive water service on the customer's premises on account of defective piping, plumbing, or apparatus located on the customer's side of a water meter. (Ord. 88-23 §17, 1988).

10A.15.040 Interruption of Service.

(1) Emergencies. The Director may at any time and without notice cause water service to be cut off to any premises serviced by the water system when the Director determines that an emergency exists.

(2) Non-Emergencies. When water service will be cut off to a premises for non-emergent purposes of inspection, extension, or repair, then before such cutoff the Director shall give notice thereof to the user affected by the cutoff as far in advance of the actual cutoff as the Director determines is appropriate under the circumstances by at least one of the following methods which the Director determines will be reasonably calculated to timely inform the affected user of the cutoff: telephone, television, radio, newspaper, mail, personal contact, or notification left at the premises.

(3) Disaster. In case of severe dry weather or other disaster, the City Council may restrict, ration, or curtail the use of water from the water system in order to protect the public health and safety. Prior to doing

so the City Council shall give due consideration to the opinion of the Director as to the appropriateness of such action. (Ord. 88-23 §18, 1988).

10A.15.050 Service Outside City Limits.* Water service shall not be provided to premises located outside of the city limits of Pullman as now existing or extended in the future, except

(1) when water service will be for commercial or industrial usage and the City Council has specifically approved the extension of service. The extension of service shall be subject to and contingent upon any conditions the City Council imposes as a condition of granting the approval.

(2) water service may be provided to residential property which is contiguous to the City limits when:

*** For Statutory authorization, See R.C.W. 35.92.200.**

(a) the owners of property desiring water service have initiated annexation proceedings by filing a letter of intent to annex with the Finance Director, and

(b) the City Council has determined that a situation exists justifying water service from the water system.

If annexation is not accomplished within one hundred twenty days from the date of the filing of the letter of intent to annex with the Finance Director and the failure to annex is the result of action or inaction by the property owners, the City Council shall have the option of terminating water service to the premises.

(3) water service can be provided to residential property which is not contiguous to the City limits when:

(a) the owners of property desiring water service have filed with the Director such documents as the Director considers appropriate to ensure that the property of the applicant or any persons claiming title through the applicant, will be annexed to the City of Pullman at such time as that property becomes contiguous or is a part of a larger number of parcels of land which larger area would be contiguous; and,

(b) the City Council has determined that a situation exists justifying water service from the water system.

The City may refuse to supply water service if the applicant or a successor in interest refuses to execute any document as required, or attempts to impair or repudiate any document or agreement executed either by the applicant or a successor in interest, or a successor in interest attempts to impair or repudiate any document or agreement executed either by the applicant or a successor in interest. The City may refuse to provide service if property which is contiguous to the City is annexed and is later removed as the result of a reduction of the City limits or when the proposed annexation of an area fails or is held invalid.

The City Council may impose such additional conditions upon the granting of water service outside the city limits as it deems necessary which are consistent with and in furtherance of such policies as it may by resolution establish or determines will be in the best interests of the City and the health, safety, and welfare of the community. (Ord. 88-23 §19, 1988).

Chapter 10A.20
Water Meters and Service Lines

Sections:

10A.20.010 Size of Water Meters.
10A.20.020 Ownership.
10A.20.030 Installation Requirements.
10A.20.040 Water Meter Size Changes, Relocations, and Grade Changes.
10A.20.050 Service Line Reuse.
10A.20.060 Water Meter Testing.
10A.20.070 Pressure Reducing Valves on Service Lines.
10A.20.080 Access to Meter.
10A.20.090 Damage and Tampering.

10A.20.010 Size of Water Meters. The Director shall establish the size of water meter required to serve a premises in accordance with the American Water Works Association standards. The following safe operating capacities shall be the maximum capacities permitted for the corresponding meter size.

AWWA STANDARDS

Meter Size	Maximum Intermittent	Maximum Continuous
3/4 inch	30 Gallons/Minute	15 GPM
1 inch	50 Gallons/Minute	25 GPM
1 1/2 inch	100 Gallons/Minute	50 GPM
2 inch	160 Gallons/Minute	80 GPM
3 inch	300 Gallons/Minute	------
4 inch Turbine	1250 Gallons/Minute	1,000 GPM
4 inch compound	500 Gallons/Minute	------
6 inch Turbine	2500 Gallons/Minute	2,000 GPM
6 inch compound	1000 Gallons/Minute	------

(Ord. 88-23 §20, 1988).

10A.20.020 Ownership. The City shall own and maintain all water service connections from the main to and including the water meter and water meter box. The customer shall own and maintain the service line from the water meter to the premises being served. (Ord. 88-23 §21, 1988).

10A.20.030 Installation Requirements.

(1) The City shall install all water service lines from the main to and including the water meter and water meter box; provided, however, that water service lines from the main to and including the water meter box may be installed by the customer's contractor when the Director grants permission to do so. The installation shall be subject to approval by the Director.

(2) Each separate premises must have a separate service line and separate water meter unless otherwise authorized by the Director. For the purpose of this subsection a "separate premises" means a parcel of property under one ownership which may be lawfully conveyed by a single and separate deed. A "separate premises" can be a multiple residential unit or a multi-tenant commercial building.

(3) The location of the water meter must be in a place satisfactory to the Director. Ordinarily, the water meter will be installed outside of buildings and on the public right of way, or on a customer's premises as near the main line as possible. Where water meters are installed within a building, the City will not be responsible for damage caused from water leaking or flowing from a leaking or broken meter, pipe, fittings, or valves. Valves and sprinkler line piping belonging to a customer will not be allowed in the meter box.

(4) Each building served by a water service line shall have within the building a separate water service shut-off valve supplied and installed by the customer.

(5) All water service lines located on private property shall be laid at a depth of not less than two and one-half feet below the surface of the ground and not less than two and one-half feet of cover shall be provided in all radial directions from the pipe. (Ord. 88-23 §22, 1988).

10A.20.040 Water Meter Size Changes, Relocations, and Grade Changes. Requests for water meter size changes, relocations, and grade changes shall be made to the Director who will review all applications and arrange for a preliminary field inspection of the work site. The work as approved by the Director will be performed only by the City and then only if the customer agrees to pay the fee established for this service as set from time to time by Resolution of the City Council. (Ord. 88-23 §23, 1988).

10A.20.050 Service Line Reuse. When a new or converted building replaces an old one, the use of the existing water service connection will be permitted when the Director determines that the water service connection conforms to the requirements of this Chapter. (Ord. 88-23 §24, 1988).

10A.20.060 Water Meter Testing. At the request of a customer or user, a meter shall be tested for accuracy in measuring water consumption. A testing deposit as established by resolution of the City Council shall be paid by the customer or user prior to testing. If the test reveals that the meter has been registering consumption in excess of three percent of actual consumption, the customer or user shall be credited an overcharge to the extent of the error for a period not to exceed four months (120 calendar days) prior to the test and the testing deposit will be refunded. If the test reveals that the meter has been registering consumption less than three percent of actual consumption, the testing deposit will not be refunded. (Ord. 88-23 §25, 1988).

10A.20.070 Pressure Reducing Valves on Service Lines. The City shall furnish, install, and maintain pressure reducing valves on the water service connection to a customer when the maximum delivered water pressure in the City's main line servicing a customer's service line exceeds 100 p.s.i. The Director shall inform a customer when a pressure reducing valve is required. The initial cost of the pressure reducing valve and the initial cost of the installation thereof shall be paid for by the customer. (Ord. 88-23 §26, 1988).

10A.20.080 Access to Meter. Customers shall maintain trees, shrubs, and landscaping in the vicinity of water meter boxes in a manner that allows easy and clear access to the water meter box for meter reading and maintenance purposes. (Ord. 88-23 §27, 1988).

10A.20.090 Damage and Tampering. If a water meter is damaged by tampering by the customer or user or other action of the customer or user, or by hot water coming from the customer's line, then all costs for the repair or replacement of the water meter shall be charged to and paid for by the customer. If a water meter is found to have been tampered with by a customer or user resulting in under measurement of water consumption, the Director may cut off water service to the premises upon twenty-four hours notice. Service once cut-off because of tampering by the customer or user shall not be restored until assurances satisfactory to the Director have been given by the customer and/or user that tampering will not occur in the future. (Ord. 88-23 §28, 1988).

Chapter 10A.25
Water System--Extensions

Sections:

10A.25.010 General.
10A.25.020 Developer Constructed Extensions.
10A.25.030 Size and Standards for Extensions.
10A.25.040 Oversizing of Water Mains.
10A.25.050 City Constructed Extensions.
10A.25.060 Reimbursement Contracts.

10A.25.010 General. Extensions to the existing water system shall be made in accordance with the Water System Master Plan and as approved by the Director. (Ord. 88-23 §30, 1988).

10A.25.020 Developer Constructed Extensions.

(1) Authorization to Construct. Extensions to the water system shall not be constructed by developers unless complete plans therefore are drawn in accordance with the Water System Master Plan and in accordance with the standard plans and specifications provided by the Director are first filed with the Department and approved by the Director. Proposed extensions shall be designed by a licensed professional engineer. The developer shall pay all costs and fees related thereto including but not limited to engineering, inspection, construction, permit, and legal. A fee, including but not limited to estimated engineering, pressure testing, and disinfection testing in accordance with subsection (2), inspection, and legal

costs, shall be paid to the City prior to approval of the construction drawings.

(2) Construction and Acceptance. The construction of all additions and extensions to the water system shall be inspected by the Director and shall not be accepted by the City Council for maintenance until the Director has approved such construction after its completion and testing. Pressure testing and disinfection testing will be done by the City and paid for by the developer. Extensions to the water system will not be accepted by the City Council unless the developer has furnished "asbuilt" mylars of the extension in a form and scale and containing such detail as is acceptable to the Director. In the event any portion of an extension is situated on private property, the Director shall require that the developer obtain easements in favor of the City in a form satisfactory to the City Attorney. (Ord. 88-23 §31, 1988).

10A.25.030 Sizes and Standards for Extensions.

(1) All water main line extensions shall be six inches in diameter or larger unless a smaller diameter is authorized by the Director. The Director may require that main line extensions be larger than six inches if the Director determines that the property being served requires a larger size main line.

(2) All design and construction of extensions to the water system shall comply with the adopted City Design Standards and standard specifications. (Ord. 88-23 §32, 1988).

10A.25.040 Oversizing of Water Mains. If the Water Master Plan calls for a larger water main than is presently needed for service to property being developed, the water main shall be oversized by the Developer to the satisfaction of the Director. If authorized by the City Council, the City will reimburse the developer for the costs of materials of the oversizing. Prior to reimbursement, the developer will provide the City with an itemized accounting of the costs of materials for the oversized water main extension as constructed and an estimate of the cost of pipe and other materials of the size which would have served the development if oversizing had not been required. Prior to reimbursement, the developer will also provide certification that all material and labor charges have been paid. (Ord. 88-23 §33, 1988).

10A.25.050 City Constructed Extensions. All additions and extensions to the water system whether constructed by the City under contract or by force account shall comply with the provisions of Sections 10A.25.010, 10A.25.020, and 10A.25.030. (Ord. 88-23 §34, 1988).

10A.25.060 Reimbursement Contracts. The City Council, in its sole discretion and upon whatever terms and conditions it considers appropriate under the provisions of Chapter 35.91 RCW (Water and Sewer Facilities Act) as now existing and in accordance with any amendments that may hereafter be made thereto, may enter into a reimbursement contract as authorized thereby, provided, however,

(1) that the period for reimbursement shall not exceed ten years; and,

(2) the contract shall provide for collection of up to an additional fifteen percent of the otherwise includable costs of construction in order to cover the costs of the City's legal description and scaled drawing, attached to the contract, the area benefited by the Water System addition or extension and the cost identified with each benefited lot or parcel. (Ord. 88-23 §35, 1988).

Chapter 10A.30
Water Supply for Fire Protection

Sections:

10A.30.010 Fire flow--defined and requirements.
10A.30.020 Fire hydrants--location, installation, serviceability, and accessibility.
10A.30.030 Fire hydrants--special requirements.
10A.30.040 Compliance--building permits.

10A.30.010 Fire flow--defined and requirements.

(1) Defined. Fire flow is the measure of the sustained flow of available water or fire suppression purposes at a specific building or within a specific area at not less than 20 pounds per square inch (PSI) residual pressure.

(2) Minimum fire flow--new subdivisions. Minimum fire flow requirements for new subdivisions shall be determined using the City of Pullman Design Standards. A plan for meeting the minimum fire flow requirements shall be submitted to the Director by the developer of a new subdivision.

(3) Minimum fire flow--new buildings and change of use.

(a) Minimum fire flow requirements will be determined by the Fire Chief using the criteria established in the Uniform Fire Code as adopted in 3.16.010 for

(i) new buildings except detached single-family structures that are to be constructed in a previously developed subdivision.

(ii) existing buildings in which there is a change of use.

(iii) existing buildings except detached single-family structures in which proposed alterations will increase the total cubic footage or alter fire separations.

(b) The minimum fire flow determinations required to be made in accordance with the provisions of 10A.30.010(3)(a)(i), (ii), and (iii) shall be made prior to issuing a building permit for the particular building involved. (Ord. 88-23 §36, 1988).

10A.30.020 Fire hydrants--location, installation, serviceability, and accessibility.

(1) Required. All buildings constructed within the City of Pullman shall be served by fire hydrants in accordance with the requirements of this Chapter. Existing hydrants which do not conform to the requirements of this Chapter shall conform to the requirements of this Chapter when replaced. All fire hydrants shall be served by the water system.

(2) Location. The Fire Chief shall determine the location in all new subdivisions and developments of all fire hydrants, and shall also determine a design for fire equipment access. These determinations shall be included in the conditions of approval of a new subdivision or development.

(3) Installation. Installation of fire hydrants shall be in accordance with adopted City Design Standards and standard specifications. The following requirements shall also apply to all fire hydrant installations:

(a) Two copies of detailed plans, or drawings, accurately indicating the location of all valves and fire hydrants to be installed shall be submitted to the Director prior to commencement of any construction.

(b) All fire hydrants, valves, connectors, and pipe must be approved by the Director.

(4) Serviceability. The Fire Chief shall be notified when a newly installed fire hydrant is placed in service. When a fire hydrant is not in service, it shall be identified as being out of service by a method approved by the Fire Chief. The Fire Chief shall be notified when a fire hydrant is placed out of service.

(5) Accessibility. A fire hydrant shall not be obstructed by any structure or vegetation, nor have its visibility impaired within a distance of 50 feet in any direction of vehicular approach to the hydrant.

(Ord. 88-23 §37, 1988).

10A.30.030 Fire hydrants--special requirements. In all construction projects, except detached single-family dwellings, in which a building is located or is to be located such that any portion of the exterior wall of the first level of the building is more than 150 feet in vehicular travel distance from the street curb line then:

(1) A building having a required fire flow of less than 2500 g.p.m. is required to have a fire hydrant on at least one side of the building and may be required to have more fire hydrants as determined pursuant to the provisions of 10A.30.010.

(2) The number of fire hydrants required for new construction shall be based on the amount of fire flow required to protect the new construction. The requirement shall be one fire hydrant per 1250 g.p.m. of require fire flow. The fire hydrants shall be located no closer than 50 feet from the structure and no further away than 150 feet. The Fire Chief shall determine the location of the hydrants based upon a determination of hydrant utility, topography, and the construction and use of the building. Minor deviations from these requirements may be granted by the Fire Chief when approving a written request for such deviation(s) if the Fire Chief finds that the

deviation(s) will not jeopardize life, property, and safety. (Ord. 88-23 §38, 1988).

10A.30.040 Compliance--building permit and construction restrictions. Building permits shall not be issued until plans required under the provisions of this Chapter have been submitted and approved in accordance with the provisions contained in this Chapter. No construction beyond the foundation shall be allowed until fire hydrants and mains are in place and serviceable, unless compliance with this requirement has been waived by the Fire Chief following a written request for such a waiver and a finding by the Fire Chief that granting the waiver will not jeopardize life, property, and safety. (Ord. 88-23 §39, 1988).

Chapter 10A.35
Water Rates and Charges

Sections:

10A.35.010 Establishment and Review of Rates, Fees, and Charges.
10A.35.020 Billing and Due Dates--Users--Interest Charges.
10A.35.030 Delinquent User Charges--Appeal Procedures--Termination of Service--Turnon Charge.
10A.35.040 Additional and Special Charges.
10A.35.050 Lien for Delinquent Charges.

10A.35.010 Establishment and Review of Rates, Fees, and Charges.

1) Establishment. All rates, fees, and charges for service by water users shall be determined from time to time by resolution of the City Council, and shall include

   (a) a fee for water service inside the City which includes both a base rate which is a "ready-to-serve charge" and a "volume charge."

   (b) a fee for water service outside the City which includes both a base rate which is a "ready-to-serve charge" and a "volume charge."

   (c) a "fireline" charge for a user with a fireline connected to the user's property.

   (d) a charge for meter size changes, relocations, and grade changes. [10A.20.040]

   (e) a charge for a meter testing deposit. [10A.20.060]

   (f) a charge for installing pressure reducing valves. [10A.20.070]

(g) a charge for the deposit by developers for extensions of the water system. [10A.25.020(1)]

(h) a rate of interest to be charged for delinquent payment of charges. [10A.35.020(2)]

(i) a turn-on charge. [10A.35.040(1)]

(j) a turn-off notification charge. [10A.35.040(2)]

(k) a specially requested, non-emergency turn-off and turn-on charge. [10A.35.040(3)]

(l) meter and service installation charges. [10A.35.040(4)]

(m) a general facilities charge to cover the capital cost of the water system.

The effective date for the rates, fees, and charges established pursuant to the provisions of this subsection shall be as set forth in the appropriate resolution of the City Council.

(2) Review. The water rates schedule and fees and charges set by resolution of the City Council shall be reviewed biennially and revised as necessary to reflect any changes in operational or capital costs.

(Ord. 15-6 §1, 2015; Ord. 98-19 §1, 1998; Ord. 88-23 §40, 1988).

10A.35.020 Billing and Due Dates - Users - Interest Charges.

(1) Billing Dates. All water users shall be billed on a monthly basis.

(2) Due Dates -- Interest Charges. All user charges for water service including the City shall be due and payable as of the date of billing and any charges not paid by the thirtieth day following the date of billing shall become delinquent thereafter. Delinquent charges shall be assessed interest at such rate as shall be set from time to time by resolution of the City Council.

(3) For any user who becomes delinquent in the payment of water rates, fees and charges established by the City Council, the finance director may require, as a condition of further service, a security deposit in an amount not to exceed twice the average monthly bill of the user over the preceding twelve months. (Ord. 99-38 §2, 1999; Ord. 88-23 §41, 1988).

10A.35.030 Delinquent User Charges - Appeal Procedures - Termination of Service - Turn-on Charge.

(1) If payment has not been made before delinquency as set forth in 10A.35.020(2), the City shall take the following steps to notify the user of the delinquency and that, if necessary, water service will be terminated by shutting off water service to the user whose account is delinquent.

(a) On or about the tenth day following the date of delinquency, the Finance Department shall give notice reasonably calculated under all the circumstances to apprise the user that:

(i) the user's account is delinquent;

(ii) water service will be shut off if the user's account is still delinquent thirty days after the date of delinquency;

(iii) the user has the right to protest the billing and appeal the amount due to the Finance Director;

(iv) if the user does not request a hearing within thirty days following the date of delinquency and does not pay the delinquent amount and any other amounts then due in full within this same period or any extensions thereof resulting pursuant to the provisions of 10A.35.030(3) the user's water service will be terminated by shutting off that water service.

(b) The term "notice reasonably calculated under all the circumstances to apprise the user" as used in 10A.35.030(1)(a) includes at the minimum, written notice to the user and the customer if the customer is not the user and the customer has informed the City Finance Department that the Customer desires to receive such notice. In addition, the City shall place upon the premises of the user at least five days prior to the scheduled cutoff of service, a notice which informs the user of the scheduled cutoff of service and of the opportunity to protest the cutoff in a meaningful manner. (Ord. 88-23 §42, 1988).

10A.35.040 Additional and Special Charges.

(1) Delinquent Payments - Turn-on Charge. Whenever water service to a user has been terminated because of non-payment of delinquent charges, the customer or user must, in addition to paying the delinquent charges in full, pay a turn-on charge before water service will be restored. The amount of the turn-on charge shall be as set from time to time by resolution of the City Council.

(2) Turn-Off Notification Charge. When delinquent charges require red-tag notification, there shall be a charge for red-tag notification in such amount as shall be set from time to time by resolution of the City Council.

(3) Specially Requested, Non-emergency Turn-off and Turn-on Charges. A fee as shall from time to time be set by resolution of the City Council shall be charged to "turn-off" or to "turn-on" the water service to any building in non-emergency situations for the purpose of

(a) making within the building of any inspection, repair, maintenance, enlargement, replacement, addition, or change in or to the waterline or waterlines or plumbing, or plumbing fixtures; or,

(b) connecting any kind of machine, appliance, toilet, bath facilities, or any other kind of plumbing in or to the water line located within the building.

(c) seasonal shutoff when residents are on extended vacation from their residence.

(4) Meter and Service Installation Charges. Whenever water service is requested, the customer shall be charged for installation of the service line, meter, meter box and appurtenances such charges and deposits therefore as shall from time to time be established by resolution of the City Council.

(Ord. 15-6 §2, 2015; Ord. 88-23 §43, 1988)

10A.35.050 Lien for Delinquent Charges. Pursuant to the provisions of Sections 35.21.290 and 35.21.300 of the Revised Code of Washington as now existing and in accordance with any amendments that may hereafter be made thereto, the City shall have a lien for unpaid and delinquent water consumption charges and other charges provided for in this Chapter. (Ord. 88-23 §44, 1988).

10A.40
Cross-Connection Control

Sections:

10A.40.010	Purpose.
10A.40.020	Responsibility.
10A.40.030	Backflow prevention assembly--when required, types, approved types.
10A.40.040	Backflow prevention assemblies--existing.
10A.40.050	Backflow prevention assemblies--installation. Times.
10A.40.060	Inspections--Cross connections, backflow prevention assemblies--testing, delegation.
10A.40.070	Disconnection of water service.
10A.40.080	WAC Rules and Regulations.
10A.40.090	Standards of Practice.
10A.40.100	Construction.

10A.40.010 Purpose. The purpose of this Chapter is to protect the health of the user and the potability of the water in the water system, by requiring the inspection and regulation of all actual or potential cross connections between potable and non-potable water systems in order to minimize the danger of contamination or pollution of the public water supply. Controlling and preventing cross connection is accomplished by either installing an approved backflow prevention assembly or removing the cross connection. (Ord. No. 92-18 §1, 1992).

10A.40.020 Responsibility. The director shall be responsible for the protection of the water system from contamination or pollution due to the backflow of contaminants or pollutants through the water service connection. (Ord. No. 92-18 §2, 1992).

10A.40.030 Backflow prevention assembly--when required, types, approved types.

(1) When required. An approved backflow prevention assembly shall be installed on each water service connection to a customer's water system at or near the property line or immediately inside the building being served before or in front of the first branch line leaving the service line whenever any of the following situations exist.

(a) When a premises has an auxiliary water supply which is not or may not be of safe bacteriological or chemical quality and which is not acceptable as an additional source of water by the director, then the city's water system shall be protected against backflow from that premises by installing an

approved backflow prevention assembly in the water service connection which is appropriate to counter the degree of hazard.

(b) If a premises is one on which any industrial fluids or any other objectionable substance is handled in a way that creates an actual or potential hazard to the city's water system, then the public water system shall be protected against backflow from that premises by installing an approved backflow prevention assembly in the water service connection which is appropriate to counter the degree of hazard. The term objectionable substances as used herein includes, but is not limited to, process waters and waters originating from the city's water system which have been subjected to a deterioration in quality.

(c) On premises

(i) having an internal cross connection that cannot be permanently corrected or controlled, or

(ii) having an intricate plumbing and piping arrangement, or

(iii) where entry to all portions of the premises is not readily accessible for inspections purposes thus making it impracticable or impossible to ascertain whether or not dangerous cross connections exist,

the city's water system shall be protected against backflow from that premises by installing an approved backflow prevention assembly in the water service connection which is appropriate to counter the degree of hazard.

(2) Types. The type of backflow prevention assembly required under subsection (1) of this section shall depend upon the degree of hazard which exists to the potability of water in the city's water system.

(a) On any premises where there is an auxiliary water supply as set forth in subsection (1)(a) of this section, the city's water system shall be protected by an approved air-gap separation, an approved

reduced pressure principle backflow prevention assembly, or an approved reduced pressure principle-detector assembly.

(b) On any premises where there is water or substance that would be objectionable but not hazardous to health if introduced into the city's water system, the city's water system shall be protected by an approved double check valve assembly, or an approved double check-detector check valve assembly.

(c) On any premises where there is any material dangerous to health which is handled in such a way that creates an actual or potential hazard to the city's water system, the city's water system shall be protected by an approved air-gap separation, an approved reduced pressure principle backflow prevention assembly, or an approved reduced pressure principle-detector assembly. Examples of premises where these conditions exist include sewage treatment plants, sewage pumping stations, chemical manufacturing plants, hospitals, mortuaries, and plating plants.

(d) On any premises where there are "uncontrolled" cross connections, either actual or potential, the city's water system shall be protected by an approved air-gap separation, an approved reduced pressure principle backflow prevention assembly, or an approved reduced pressure principle-detector assembly at the water service connection.

(e) On any premises where, because of security requirements or other prohibitions or restrictions, it is impossible or impractical to make a complete in-plant cross connection survey, the city's water system shall be protected against backflow from that premises by either an approved air-gap separation, an approved reduced pressure principle backflow prevention assembly, or an approved reduced pressure principle-detector assembly on each water service connection to the premises.

(3) Approved types. Any backflow prevention assembly required by this section shall be a model and size approved by the director. The term "Approved Backflow Prevention Assembly" shall mean an assembly that has been

approved by the Department of Health. (Ord. No. 92-18 §3, 1992).

10A.40.040 Backflow prevention assemblies--existing. All presently installed backflow prevention assemblies which do not meet the requirements of Section 10A.40.030 but were approved devices for the purposes described therein at the time of installation and which have been properly maintained, shall, except for the inspection and maintenance requirements under Section 10A.40.060, be excluded from the requirements of this Chapter so long as the director is assured that they will satisfactorily protect the city's water system. Whenever the existing backflow prevention assembly is moved from its present location or requires more than minimum maintenance or when the director finds that the maintenance constitutes a hazard to health, the unit shall be replaced by an approved backflow prevention assembly meeting the requirements of Section 10A.40.030. (Ord. No. 92-18 §4, 1992).

10A.40.050 Backflow prevention assemblies--installation. Times. If, in the judgement of the director, an approved backflow prevention assembly is required (at the customer's water service connection; or, within the customer's water system) for the safety of the city's water system, the director shall give notice in writing to that customer to install such an approved backflow prevention assembly(s) at specific location(s) on the customer's premises. New customers shall install an approved device(s) at the time of building permit issuance or within 90 calendar days after notification to do so. Existing customers shall install approved device(s) within 180 calendar days after notification to do so. (Ord. No. 92-18 §5, 1992).

10A.40.060 Inspections--Cross connections, backflow prevention assemblies--testing, delegation.

(1) Cross Connections. Each customer's water system shall be open for inspection at all reasonable times by authorized representatives of the city to determine whether cross connections or other structural or sanitary hazards, including violations of the provisions of this Chapter exist. When such a condition becomes known to the director, the director shall deny or immediately discontinue service to that premises by providing for a physical break in the service line until the customer has corrected the condition(s) in conformance with state statutes and city ordinances relating to plumbing and water supplies and the regulations adopted pursuant thereto.

(2) Backflow prevention assemblies--testing. It shall be the duty of the customer at any premises where backflow prevention assemblies are installed to have certified inspections and operational tests made upon installation and at least once per year. In those instances where the director deems the hazard to be great enough the director may require certified inspections at more frequent intervals. These inspections and tests shall be at the expense of the water customer and shall be performed by a certified backflow assembly tester approved by the director. The customer shall notify the director in advance when the tests are to be undertaken so that a representative of the city may witness the tests if so desired. These assemblies shall be repaired, overhauled, or replaced at the expense of the customer whenever said assemblies are found to be defective. Records of such tests, repairs, and overhaul shall be submitted to the director within 30 calendar days after the customer receives notification of the yearly test results.

(3) Delegation. The director may delegate inspection duties to a certified cross-connection control specialist. (Ord. No. 92-18 §6, 1992).

10A.40.070 Disconnection of water service.

(1) Failure, refusal, or inability on the part of a customer to install, have tested, and maintain backflow prevention assemblies shall constitute grounds for discontinuing water service to that premises until the requirements of this Chapter have been satisfactorily met.

(2) No water service connection to any premises shall be installed or maintained by the city unless the water system is protected as required by state laws and regulations, and this Chapter. Service of water to any premises shall be discontinued by the city if a backflow prevention assembly required by this Chapter is not installed, tested, and maintained, or if it is found that a backflow prevention assembly has been removed, bypassed, or if an unprotected cross connection exists on the premises. Service will not be restored until such conditions or defects are corrected. (Ord. No. 92-18 §7, 1992).

10A.40.080 WAC Rules and Regulations. Actions of the director governing cross-connection prevention, control, and abatement shall conform to the rules and regulations set forth in the Washington Administrative Code 246-290-490 as now existing and

in accordance with any amendments that may hereafter be made thereto. (Ord. No. 92-18 §8, 1992).

10A.40.090 Standards of Practice. The Accepted Procedure and Practice in Cross Connection Control Manual, 5th Edition published by the Pacific Northwest Section, American Waterworks Association, and the Uniform Plumbing Code, (1988 Ed.) Chapter 10 - Water Distribution, each as now existing and in accordance with any amendments that may hereafter be made thereto are adopted herein by reference as the city's standards of practice for cross-connection regulatory actions. (Ord. No. 92-18 §9, 1992).

10A.40.100 Construction. The provisions of this Chapter may supersede state regulations but in no event shall they be less stringent. (Ord. No. 92-18 §10, 1992).