

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording	Reason for Change	Key Changes
In the fourth preamble statement, after the word “nuisances” and before the semi-colon “;”, the following is added: “, including unsightly property”.	Expanded expectations.	These two words were not specifically detailed in the previous bylaw.
In section 1: (e) to provide a system of Written Approvals to permit otherwise prohibited Releases and activities in relation to the Stormwater System and to provide for the imposition of terms and conditions on such Written Approvals.”.	Expanded definitions for clarity to allow for consistent wording throughout the Bylaw.	(e) to provide a system of permits or other permissions that facilitate the imposing of conditions on releases to the Stormwater System. Defined “Written Approval” to capture the various documents provided for a permission: “Written Approval” means any document issued to a Person by the Director, Water Services or the Director, Community Planning under sections 4, 6, 10, 11, 13 or 15 of this Bylaw, regardless of how such a document is named or titled (e.g., written approval, permit, written consent or authorization);”.
In section 2(1): (a) in subsection (p.1), the definition of “Owner”, the following is added after subsection (iii) as subsection (iv): “(iv) a business operating on the land or premises;”; (b) in subsection (v)(i), the definition of “Release”, after the words “by spilling, discharging,” the following is added: “pumping,”; (c) in subsection (w), the definition of “Remedial Order”, the words “and in accordance with Part 2 of the Community Standards Bylaw, Bylaw Number 5M2004” are deleted; (d) in the definition of “Surface Drainage Facility”, subsection (dd)(ii) is deleted and the following is substituted: “(ii) a paved or unpaved walkway, curb, gutter or swale;”; (e) after subsection (ee), the definition of “Water”, the following is added as subsection (ee.1): “(ee.1) “Written Approval” means any document issued to a Person by the Director, Water Services or the Director, Community Planning under sections 4, 6, 10, 11, 13 or 15 of this Bylaw, regardless of how such a document is named or titled (e.g., written approval, permit, written consent or authorization);”.	Included new definitions and additional wording for better interpretation of the Bylaw.	Business owners and operators are responsible for their business’ compliance with Calgary’s bylaws; updating definition of Owner to include “a business operating on the land or premises.”
Section 4 is deleted in its entirety and the following is substituted in its place: “4. (1) A Person must not Release, or allow to be Released, any Prohibited Material into the Stormwater System without a Written Approval from the Director, Water Services. (2) Except in an Emergency, a Person must not direct, pump, or Release, or allow to be directed, pumped or Released, any Impounded Water into the Stormwater System or onto any property owned or occupied by the City, without a Written Approval from the Director, Water Services.	Clarify that water discharged to the Stormwater System from a pool, pond, or fountain less than 3000 liters cannot contain any chemicals or other pollutants that could harm the environment. This aligns with the requirement that discharged water does not contain “Prohibited Material” with the rest of the bylaw.	Restructuring Section 4 from “Prohibited”; “Restricted”; and “Permitted” to the new proposed wording removes permissive wording and clearly outlines the exclusions for better understanding of circumstances to release into the stormwater system.

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>(3) A Person must not Release, or allow to be Released, Water from a portable swimming pool, Decorative Pond or fountain with a capacity of over 3 cubic meters (3000 litres) into the Stormwater System.</p> <p>(4) Notwithstanding subsection (1) above, Water resulting from extinguishing fires may be Released into the Stormwater System.</p> <p>(5) Notwithstanding subsections (1) and (2) above, the Director, Water Services, may issue Written Approvals allowing the Release of Prohibited Material and Impounded Water into the Stormwater System.</p> <p>(6) For the purposes of subsections (2) and (5):</p> <p>(a) “Impounded Water” means any Water that has collected on a site, including but not limited to, surface water ponding on a Premises, construction site or renovation site captured in an excavation, low point, or enclosure; and</p> <p>(b) “Emergency” means a situation in which there is imminent danger to public safety or of serious harm to property.”.</p>		
<p>In section 6:</p> <p>(a) in subsections (1) and (2) the words “unless authorized to do so by the Director, Water Services or the Director, Community Planning” are deleted.</p> <p>(b) after subsection (2), the following is added as subsection (3): “(3) Notwithstanding subsections (1) and (2) above, the Director, Water Services or the Director, Community Planning may issue Written Approvals allowing the drainage or directing of Stormwater.”.</p>	Updated language to include the new definition of “Written Approvals”.	To be more inclusive of the various authorizations that are granted (e.g. permits, authorizations, approvals).
Section 7 is deleted.	The new language captured in 4(2) above.	Remove redundancy because of new proposed wording.
In section 8, after the word “manage”, the following is added: “, add controls”.	Include the addition of controls for water and sediment as a possible requirement from the Director in the list of actions related to water flowing from a private parcel.	These controls are often listed as a requirement in erosion and sediment control plans for construction sites to keep sediment out of the stormwater system.

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording	Reason for Change	Key Changes
In section 9, after the words “Interceptor, device”, wherever they appear, the following is added: “, control”.	Expanded description for general language.	<p><u>INTERCEPTORS, DEVICES AND PRACTICES</u></p> <p>9. (1) Any Person who owns or occupies a Parcel on which the Director, Water Services or the Director, Community Planning has, pursuant to Section 8, directed an Interceptor, device or practice be implemented in order to control or reduce the amount of runoff or improve water quality or infiltration must: (72M2021, 2022 January 01)</p> <p>(a) keep the Interceptor, device or practice in good working condition at all times;</p> <p>(b) service the Interceptor, device or practice often enough so that it does not become overloaded; and</p> <p>Control was not previously included.</p>
<p>In section 10:</p> <p>(a) in subsection (1), after the words “for any purpose without”, the words “written approval” are deleted and the following is substituted: “a Written Approval”;</p> <p>(b) in subsection (2), after the words “may impose conditions on”, the words “an approval” are deleted and the following is substituted: “a Written Approval”; and</p> <p>(c) in subsection (3), after the words “Notwithstanding subsections (1) and (2),” the words “the approval” are deleted and the following is substituted: “a Written Approval”.</p>	Updated language to include the new definition of “Written Approvals”.	
<p>In section 11</p> <p>(a) in subsections (3), (4), (5) and (6) the words “unless authorized by the Director, Water Services or the Director, Community Planning” and any commas immediately before or after those words, are deleted;</p> <p>(b) in subsection (4), after the word “alter,”, the following is added: “damage,”; and</p> <p>(c) the following is added after subsection (7) as subsection (8): “(8) Notwithstanding subsections (3), (4), (5) and (6), The Director, Water Services or the Director, Community Planning may issue Written Approvals allowing the activities otherwise prohibited in those subsections.”.</p>	Expands definition of actions that interfere with the Stormwater system. This is required to cover more instances of bylaw infractions.	Clear expectations that damage the Stormwater system is in contravention of this bylaw unless authorized by the Director, Water Services or the Director, Community Planning.
<p>In section 13:</p> <p>(a) in subsection (1), after the words “to the Stormwater System, without the”, the words “written approval” are deleted and the following is substituted: “Written Approval”;</p> <p>(b) in subsection (3), after the words “the Director, Community Planning may”, the word “approve” is deleted and the following is substituted: “issue Written Approvals for”;</p> <p>(c) in subsection (5), the words “first obtaining the written consent of” are deleted and the following is substituted: “a Written Approval from”; and</p> <p>(d) after subsection (7), the following is added as subsection (8): “(8) No Person shall install, or cause to be installed, connections between the Wastewater System and the Stormwater System.”.</p>	Updated language to include the new definition of “Written Approvals”.	Addition of “8” because of wastewater and stormwater system connections that should not be installed and need to be remedied.

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>In section 15:</p> <p>(a) subsections (1) and (2) are deleted;</p> <p>(b) the following is added before subsection (3) as subsection (2.1): “(2.1) The Director, Water Services or the Director, Community Planning may issue, suspend, or revoke any Written Approval for under this Bylaw and place terms and conditions on such Written Approvals.”;</p> <p>(c) in subsection (3)(a), the words “any conditions or requirements of an approval or permit” are deleted and the following is substituted: “any terms or conditions of a Written Approval”;</p> <p>(d) in subsection 3(c), the words “approvals or permits” are deleted and the following is substituted: “Written Approvals”; and</p> <p>(e) after subsection (3), the following is added as subsection (3.1): “(3.1) Nothing in this section limits the ability of the Director, Water Services or the Director, Community Planning, to impose other terms and conditions on a Written Approval issued under this Bylaw, including terms and conditions similar to the requirements listed in sections 8 and 9, or any other additional terms or conditions necessary to protect the Stormwater System.”.</p>	<p>Updated language to include the new definition of “Written Approvals”.</p>	
<p>Section 16, including the header “APPROVALS AND REQUIREMENTS” is deleted, and the following is substituted:</p> <p>“WRITTEN APPROVALS</p> <p>16. (1) A Person to whom a Written Approval has been issued under this Bylaw must comply with all terms and conditions of that Written Approval.</p> <p>(2) Every Person who relies on a Written Approval issued under this Bylaw has the onus of proving that they were the holder of a valid and subsisting Written Approval.</p> <p>(3) A Written Approval issued by the Director, Community Planning or the Director, Water Services under this Bylaw, or an agreement entered into by the Director, Community Planning or Director, Water Services pursuant to this Bylaw, must be available for inspection on the request of either of the Directors or on the request of an Officer.”.</p>	<p>Updated language to include the new definition of “Written Approvals”.</p>	
<p>Subsections 18(2), (3), and (4) are deleted and the following is added before subsection 18(5) as subsection 18(4.1):</p>	<p>This will avoid potential conflicts from having similar information in several different bylaws.</p>	<p>Remove detailed requirements on remedial orders and refer to the Community Standards Bylaw as the single source for this information.</p>

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording					Reason for Change	Key Changes
“(4.1) A Remedial Order written pursuant to this Bylaw may be served in accordance with Part 2 of the Community Standards Bylaw 32M2023.”.						
In section 20(1), subsection (b)(i), (ii) and (iii) are deleted and the following is substituted before the words “is guilty of an offence”: “(b) failing to do any act or thing which the Person is required to do, including failing to comply with terms or conditions of a Written Approval issued by the Director, Community Planning or the Director, Water Services;”.					Better clarity for interpreting the bylaw.	Consolidating the “failure to comply” statements.
Schedule “A” – SPECIFIED AND MINIMUM PENALTIES is deleted and the following is substituted in its place: “SCHEDULE “A” SPECIFIED AND MINIMUM PENALTIES					Updated Schedule A due to the charging sections being revised.	
	SECTION	OFFENCE	MINIMUM PENALTY 1st offence	SPECIFIED PENALTY 1st offence		
	4(1)	Release a Prohibited Material	\$500	\$3000		
	4(2)	Release Impounded Water	\$500	\$1500		
	5(1)(a), (b), (c), (d)	Fail to notify of Release	\$75	\$500		
	5(4)(a)	Fail to mitigate prohibited Release	\$500	\$3000		
	5(4)(b)	Fail to cover or clearly mark hoses	\$75	\$200		
	6(1)	Allow termination within 2 meters	\$75	\$300		
	6(2)	Connect directly to Foundation Drain or weeping tile	\$75	\$500		
	8	Fail to treat, restrict, impound, manage, control or retain as required by the Directors	\$500	\$3000		
	9(1)(a)	Fail to maintain Interceptor, control, device or practice	\$500	\$1500		
	9(1)(b)	Fail to service Interceptor, control, device or practice	\$500	\$1500		

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording					Reason for Change	Key Changes
	9(1)(c)	Fail to keep or provide a record	\$75	\$200		
	9(2)	Deposit residue	\$500	\$3000		
	10(1)	Unauthorized use of Stormwater	\$500	\$1000		
	11(1)(a)	Allow structure on or over a Surface Drainage Facility	\$500	\$1500		
	11(1)(b)	Fail to ensure Surface Drainage Facility remains clear of debris	\$500	\$1500		
	11(2)	Insufficient clearance over a Surface Drainage Facility	\$500	\$1500		
	11(3)(a)	Restricting access to Stormwater System	\$500	\$1500		
	11(3)(b)	Restricting Flow into or within Stormwater System	\$500	\$1500		
	11(4)	Altering, removing or changing Stormwater System	\$500	\$1500		
	11(5)	Make or create Surface Drainage Facility	\$500	\$1500		
	11(6)	Enter or place or remove plant, animal or objects in or from a Stormwater System structure or facility	\$500	\$1500		
	11(7)	Fish from a storm pond	\$500	\$1500		
	12	Fail to comply with an easement	\$200	\$500		
	13(1)	Unauthorized Connection to Stormwater System	\$500	\$1500		
	13(5)	Unauthorized re-use of Connection	\$500	\$1500		
	13(6)	Failure to notify Director of discontinuation	\$75	\$300		

Bylaw 37M2005 (Stormwater) Amendment – Proposed Wording					Reason for Change	Key Changes
	16(1)	Fail to comply with term or condition of a Written Approval	\$500	\$1500		
	16(3)	Fail to produce a Written Approval	\$100	\$200		
	18(5)	Fail to comply with Remedial Order	\$250	\$3000		
	19	Hindering authorized City employee	\$500	\$1000".		

Bylaw 14M2012 (Wastewater) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>In section 3,</p> <p>(a) in the definition of “CAN/CSA B481”, the word “2007” is deleted and the following is substituted: “2012”; and</p> <p>(b) in the definition of “owner”, the following is added after subsection (iii) as subsection (iv): “(iv) a business operating on the land or premises;”.</p>	<p>Expanded definitions for clarity and updating reference material versions.</p>	<p>Update CSA standard definition to refer to most current version from 2012 to ensure the most current standards are being referenced in the bylaw.</p> <p>Update definition of Owner to include “a business operating on the land or premises.” Since business owners and operators are responsible for their business’ compliance with Calgary’s bylaws.</p>
<p>In section 26:</p> <p>(a) subsection (4)(b) is deleted and the following is substituted:</p> <p>“(b) keep a maintenance log for each pre-treatment system on the premises, in the form prescribed by the Director, Water Services, with a record of every inspection, servicing, and repair;</p> <p>(b.1) keep maintenance logs in accordance with subsection (b) on the premises for a minimum of two years; and”; and</p> <p>(b) the following is added after subsection 4(c) as section 26(4.1):</p> <p>“(4.1) A person must not provide false or misleading information on a maintenance log under this Bylaw.”.</p>	<p>This includes specific details on CSA requirements related to the installation, operation, maintenance, and record keeping for grease interceptors at food service establishments. Grease Interceptors prevent fats, oils, and grease from entering the wastewater system, blocking pipes, and causing wastewater backups in City and private infrastructure.</p>	<p>Include specific details on CSA standard CAN/CSA B481 so customers to not have to buy that standard to understand the bylaw requirements.</p>
<p>Subsection 27(1) is deleted in its entirety, and the following is substituted as subsections 27(1), (1.1), and (1.2):</p> <p>“27. (1) An owner of a business or a premises that is connected directly or indirectly to the wastewater system, and where food may be cooked, processed, or prepared, and where a fixture or equipment releases wastewater that includes Fats, Oil or Grease must do the following:</p> <p>(a) install a FOG interceptor at a location with adequate access on the upstream side of a monitoring access point in or on the premises to prevent FOG from passing into the wastewater system;</p> <p>(b) select and install a FOG interceptor which is properly sized and designed in accordance with the CAN/CSA B481;</p> <p>(c) ensure the FOG interceptor meets the requirements of the National Plumbing Code of Canada;</p> <p>(d) ensure the FOG interceptor is installed in a location that has adequate access for cleaning;</p>	<p>This includes specific details on CSA requirements related to the installation, operation, maintenance, and record keeping for grease interceptors at food service establishments. Grease Interceptors prevent fats, oils, and grease from entering the wastewater system, blocking pipes, and causing wastewater backups in City and private infrastructure.</p>	<p>Include specific details on CSA standard CAN/CSA B481 so customers to not have to buy that standard to understand the bylaw requirements.</p>

<p>(e) ensure a minimum of 12 inches (300mm) clearance between the cover of the FOG interceptor and the bottom of the sink or other obstacle;</p> <p>(f) monitor, operate, and properly maintain a FOG interceptor at all times;</p> <p>(g) clean all FOG interceptors monthly or at intervals required by the Director, Water Services; and</p> <p>(h) dispose of exhaust hood wash water in a fixture that is connected to a FOG interceptor or haul such water to a location approved by the Director, Water Services.</p> <p>(1.1) For the purposes of subsection (1) above:</p> <p>(a) “fixture” means a receptacle, sink, appliance, apparatus, or other device that releases, or has the potential to release, wastewater or FOG and includes a floor drain;</p> <p>(b) “adequate access” means easy access for proper cleaning and removal of FOG and sediments, allowing, at a minimum: access by a 2 inch (50mm) diameter vacuum hose, and for personnel to reach all removable internal components; and</p> <p>(c) “properly maintain” means removing the entire contents and thoroughly cleaning the FOG interceptor.</p> <p>(1.2) The Director, Water Services may:</p> <p>(a) prescribe the frequency of FOG interceptor cleanings; and</p> <p>(b) prescribe approved locations for disposal of hauled hood wash water.”.</p>		
<p>In section 34(1)(c):</p> <p>(a) the word “; and” in subsection (iv) is deleted and the following is substituted:</p> <p>“.”; and</p> <p>(b) subsection (v) is deleted in its entirety.</p>	<p>Removes specific requirements related to hauled wastewater manifests that are used for reporting the source and types of wastewater being disposed of at City of Calgary facilities.</p>	<p>This edit is needed for consistency since these requirements are clearly stated in the manifest template that wastewater haulers are required to complete, so removing them from the bylaw will mitigate the risk of conflicting information between the bylaw and the manifest.</p>
<p>In section 34.1:</p> <p>(a) subsection (2) is deleted and the following is substituted:</p> <p>“(2) The operator of a full service food vehicle must dispose of wastewater at a location approved by the Director, Water Services.”;</p>	<p>Adds some needed definition about how food trucks operate within the Wastewater bylaw.</p>	<p>Clarifies that it is the operator of a full-service food vehicle (food truck) who is responsible for meeting current bylaw requirements.</p>

<p>(b) subsection (3) is deleted; and</p> <p>(c) after subsection (5), the following is added as subsection (6):</p> <p>“(6) The operator of a full-service food vehicle must equip that vehicle with a greywater disposal connection as approved by the Director, Water Services.”.</p>		
<p>Sections 43(1), (2) and (3) are deleted and the following is substituted as sections 43(3.1) and 43(3.2):</p> <p>“(3.1) Where:</p> <p>(a) the Director, Community Planning;</p> <p>(b) the Director, Water Services; or</p> <p>(c) an Officer;</p> <p>believes a Person has contravened any provision of this Bylaw, they may issue to the Person a Remedial Order to remedy the infraction.</p> <p>(3.2) A Remedial Order issued pursuant to this Bylaw may be served in accordance with the Community Standards Bylaw 32M2023.”.</p>	<p>This will avoid potential conflicts from having similar information in several different bylaws.</p>	<p>Remove detailed requirements on remedial orders and refer to the Community Standards Bylaw as the single source for this information.</p>

Bylaw 14M2012 (Wastewater) Amendment (...continued)				Reason for Change
In Schedule “J” - “Offences and Penalties”:				Update Offences and Penalties section to align with changes made in other sections of the bylaw.
(a) after:				
Section	Description of Offences	Minimum Penalty	Specified Penalty	
“26(4)(a)	Failing to obtain and retain manuals, instructions and specifications related to the installation, operation, maintenance and cleaning of the <i>pre-treatment system</i> installed at the <i>premises</i>	\$100	\$200”	
the following is deleted under the headings indicated:				
Section	Description of Offences	Minimum Penalty	Specified Penalty	

"26(4)(b)	Failing to maintain a maintenance schedule and record of each maintenance for the <i>pre-treatment system</i> installed at a <i>premises</i> for a period of two years, including records for disposal of <i>waste residue</i>	\$100	\$500"
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and the following is substituted in its place under the headings indicated:

Section	Description of Offences	Minimum Penalty	Specified Penalty
"26(4)(b)	Failure to keep a maintenance log in accordance with this Bylaw	\$100	\$500
26(4)(b.1)	Failure to keep maintenance logs for length of time required	\$100	\$500";

(b) after:

Section	Description of Offences	Minimum Penalty	Specified Penalty
"26(4)(c)	Failing to submit records requested by the <i>Director</i>	\$100	\$500"

the following is deleted under the headings indicated:

Section	Description of Offences	Minimum Penalty	Specified Penalty
"27(1)(a)	Failing to install a <i>FOG interceptor</i> as required by subsection 27(1)(a)	\$500	\$2000
27(1)(b)	Failing to monitor, operate, properly maintain and clean each <i>FOG interceptor</i> as required by subsection 27(1)(b)	\$500	\$1500
27(1)(c)	Failing to ensure that <i>wastewater</i> does not exceed the maximum allowable concentration limits for <i>FOG</i> set out in Schedule C of the <i>Bylaw</i>	\$1000	\$3000
27(1)(d)	Failing to submit <i>interceptor</i> maintenance records requested by the <i>Director</i>	\$100	\$500"

and the following is substituted in its place under the headings indicated:

Section	Description of Offences	Minimum Penalty	Specified Penalty
"27(1)(a)	Failing to install a <i>FOG interceptor</i> at a location with <i>adequate access</i>	\$500	\$2000
27(1)(b)	Failing to select and install a properly designed <i>FOG interceptor</i>	\$500	\$2000
27(1)(c)	<i>FOG interceptor</i> fails to meet requirements of <i>National Plumbing Code of Canada</i>	\$500	\$2000
27(1)(d)	<i>FOG interceptor</i> installed in improper location	\$500	\$2000
27(1)(e)	<i>FOG interceptor</i> installed without appropriate clearance	\$500	\$2000
27(1)(f)	Failing to monitor, operate, and <i>properly maintain</i> a <i>FOG interceptor</i>	\$500	\$1500
27(1)(g)	Failing to clean <i>FOG interceptor</i> at required interval	\$500	\$1500

(c)	27(1)(h)	Failing to dispose of exhaust hood wash water in accordance with this <i>Bylaw</i>	\$500	\$1500";
	and			
	after the following:			
	Section	Description of Offences	Minimum Penalty	Specified Penalty
	"34.1(5)	Failing to provide logbook upon request	\$100	\$200"
	the following is added:			
	Section	Description of Offences	Minimum Penalty	Specified Penalty
	"34.1(6)	Failing to equip Food Service Vehicle with a proper greywater disposal connection	\$500	\$1500".

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>In section 2(1):</p> <p>(a) the following is added after subsection (a.01) as subsection (a.02):</p> <p>“(a.02) “Approved Tester” means a Person registered by the Director, Water Services under section 37.2 and who may conduct testing on Cross Connection Control Devices under section 39;”</p> <p>(b) subsection (i) is deleted and the following is substituted:</p> <p>“(i) “Cross Connection Control Device” means a testable Backflow prevention device that is approved by the Director, Water Services under Part XIV of this Bylaw;”;</p> <p>(c) the following is added to the definition of “Customer” in subsection (j) after the words “any Person,”:</p> <p>“any Owner,”; and</p> <p>(d) subsections (gg) and (hh) are deleted and the following is substituted:</p> <p>“(gg) “Tier One Water Managed Site” means a site for which watering is applied through a system approved by the Director, Water Services in accordance with section 20.1 of this Bylaw;</p> <p>(hh) “Tier Two Water Managed Site” means a site for which watering is applied through a system approved by the Director, Water Services in accordance with section 20.1 of this Bylaw;”.</p>	<p>Expanded definitions for clarity and enforceability.</p>	<p>Clarified who a Tester is and is not to further support valid testing.</p> <p>Added Owner to Customer definition for accountability.</p> <p>Added Water Managed Site definitions to support the Water Managed Site program as previously this was not defined.</p>
<p>Sections 37, 38 and 39 are deleted in their entirety and the following is substituted in their place as sections 37, 37.1, 37.2, 38 and 39:</p> <p>“CONTROLLING CROSS CONNECTIONS</p> <p>37. (1) A Person must not connect, cause to be connected, or permit to remain connected to the Water System a Cross Connection that has not been approved by the Director, Water Services.</p> <p>(2) A Person must not test a Cross Connection Control device connected to the City's Water System unless such Person is registered with the Director, Water Services as an Approved Tester.</p> <p>AUTHORITY OF THE DIRECTOR</p> <p>37.1 (1) The Director, Water Services may approve the type of Cross Connection Control device required under section 37(1) above in accordance with the Canadian Standards Association (CSA) Standard, Selection and installation of backflow preventers/Maintenance and field testing of backflow preventers, B64.10-11/B64.10.1-11 dated November 2011 or as amended.</p>	<p>Overall the requirements have not changed, just clarified that the customer is accountable for their connection to the infrastructure and ensuring that installation, testing, maintenance, repair, and replacement occurs to remain compliant.</p> <p>Testers have clarified requirements, accountabilities, and role to support the customer's compliance. These two changes are designed to increase compliance and enforceability.</p>	<p>Clear definitions and requirements to protect infrastructure, the quality of the water in the drinking water distribution system, and our customers.</p>

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording		Reason for Change	Key Changes
(2)	Where the Director, Water Services believes, on reasonable and probable grounds, that a Cross Connection exists in contravention of this Bylaw, the Director, Water Services may carry out an inspection: (a) upon reasonable notice to the Customer, or (b) without notice to the Customer where the Director believes that there is a situation in which there is imminent danger to public safety or of serious harm to the Water System due to the threat of contamination.	Clarified Tester Registry and Tester Responsibilities to support our Testers to be partners in protecting drinking water quality.	
(3)	The Director, Water Services may cut off water service to a parcel or premises, with reasonable notice, where: (a) the Customer has refused to allow an inspection under subsection (2) above or has obstructed efforts for such an inspection; (b) after an inspection under subsection (2) has occurred, the Director, Water Services believes, on reasonable grounds, that a Cross Connection exists on the Customer's premises that contravenes this Bylaw; (c) the Customer has failed to have their Cross Connection Control Device tested by an Approved Tester; or (d) the Customer's Cross Connection Control Device failed after testing.		
(4)	The Director, Water Services may cut off water service to a Customer with no notice where the Director believes the Customer's Cross Connection poses an imminent danger to public safety or of serious harm to the Water System due to the threat of contamination.		
APPROVED TESTER REGISTRY			
37.2	(1) The Director, Water Services may establish and maintain a registry of Approved Testers who are permitted to conduct testing on Cross Connection Control Devices under this Bylaw.		
	(2) In approving or denying a Person for registration, or in removing a Person from the registry as an Approved Tester, the Director, Water Services may: (a) set the qualifications required of a Person in order to be registered; (b) create an application process and renewal process for registration; and (c) establish procedures required of all Approved Testers in submitting testing results.		
APPROVED TESTER RESPONSIBILITIES			
37.3	(1) After testing a Cross Connection Control Device, an Approved Tester must:		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>(a) submit testing reports to the Director, Water Services in the form required by the Director and within the time required by this Bylaw;</p> <p>(b) provide copies of test reports to the Customer whose Cross Connection Control Device was tested within:</p> <p style="padding-left: 40px;">(i) 5 days of the test where the device was found to be in good working order; or</p> <p style="padding-left: 40px;">(ii) 2 days where the device was found to not be in good working order; and</p> <p>(c) place and update the testing tag on the Cross Connection Control Device.</p> <p>CROSS CONNECTION CONTROL DEVICES REQUIRED</p> <p>38. (1) Any Person who newly constructs, reconstructs, or renovates premises, must install a Cross Connection Control Device on the Plumbing System of such premises:</p> <p style="padding-left: 40px;">(a) in a location on the incoming water service prior to any water use, or</p> <p style="padding-left: 40px;">(b) in a location approved by the Director, Water Services.</p> <p>(2) Subsection (1) above does not apply to dwelling units separately serviced from a City Water Main or On-site Water Main.</p> <p>(3) Any Person proposing to use water from the Water System for constructing, altering, or repairing a building, must install a Cross Connection Control Device on the temporary water connection:</p> <p style="padding-left: 40px;">(a) in a location on the incoming water service prior to any water use, or</p> <p style="padding-left: 40px;">(b) in a location approved by the Director, Water Services.</p> <p>(4) Despite subsection (2), the Director, Water Services may direct any existing Customer to install a Cross Connection on that Customer's Plumbing System, at a location approved by the Director, where such Customer's use of the water system poses a higher risk of contamination.</p> <p>CUSTOMER MUST TEST AND MAINTAIN CROSS CONNECTION CONTROL DEVICES</p> <p>39. (1) A Customer who is required to have a Cross Connection Control Device under this Bylaw must have such device tested at the Customer's expense by an Approved Tester:</p> <p style="padding-left: 40px;">(a) at the time a new Cross Connection Control Device is installed and annually afterwards;</p>	<p>No material requirement changes for required devices, only clarified language where required.</p>	

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>(b) at any additional frequency required by the Director, Water Services;</p> <p>(c) at the time that a Cross Connection Control Device is relocated, cleaned, repaired or overhauled; and</p> <p>(d) in the case of an irrigation system, at the time the system is turned on at the beginning of each year's irrigation season.</p> <p>(2) A Customer must provide the Director, Water Services, in the manner required by the Director, with a copy of any test report resulting from a test conducted on the Customer's Cross Connection Control Device:</p> <p>(a) within 5 days of the test where the Approved Tester discovered that the Cross Connection Control Device is in good working order, or discovered that the device was not in good working order but repairs or replaces and re-tests the device immediately such that it is then in good working order; or</p> <p>(b) within 2 business days where the Approved Tester discovers that the Cross Connection Control Device is not in good working order and did not repair or replace the device immediately.</p> <p>(3) Where a Customer's Cross Connection Control Device is not in good working order then such Customer must within 5 business days of the test report being received by the Director, Water Services:</p> <p>(a) repair or replace the device;</p> <p>(b) have an Approved Tester test the repaired or replaced device; and</p> <p>(c) provide the Director, Water Services with a copy of the repaired or replaced device's test report in the manner required by the Director.</p> <p>(4) A Customer must retain test report records for 2 years and make such reports available to the Director, Water Services upon request.</p> <p>(5) A Customer must not remove any testing tag placed by an Approved Tester on a Cross Connection Control Device on the Customer's premises.</p> <p>(6) Where a Customer fails to comply with this Part of the Bylaw the Director, Water Services may, on notice to the Customer, shut off the water service or water services until the situation has been remedied.”</p>		
<p>Section 20 is deleted in its entirety, and the following is substituted as sections 20 and 20.1:</p> <p>“OUTDOOR WATER USE RESTRICTIONS</p>	<p>Improved language and clarity to support the updates to the Water Utility</p>	

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>Declaration of Restrictions</p> <p>20. (1) In the event that the Director, Water Services believes there is a reason to require reduced Potable Water usage, the Director, Water Services may declare an outdoor water use restriction.</p> <p>(2) The declaration of an outdoor water use restriction by the Director, Water Services may apply to:</p> <p>(a) the entire City;</p> <p>(b) specific zones or geographic areas of the City; or</p> <p>(c) other specific locations as defined by the Director, Water Services.</p> <p>(3) In the event there is reason to declare an outdoor water use restriction, the Director, Water Services may declare such restriction effective immediately.</p> <p>Notice of Restrictions</p> <p>(4) In the event of a declaration of an outdoor water use restriction made pursuant to this section, the Director, Water Services:</p> <p>(a) shall determine the risk to the water supply and issue a declaration for the stage necessary to protect the water supply that is either: a Stage One (Low risk to water supply), a Stage Two (Moderate risk to water supply), a Stage Three (High risk to water supply) or a Stage Four (Severe risk to water supply) outdoor water use restriction;</p> <p>(b) shall cause public notice indicating the stage of outdoor water use restriction and the date such restrictions came or will come into effect to be given in any one or more of the following manners:</p> <p>(i) City of Calgary press release;</p> <p>(ii) notice on The City of Calgary website;</p> <p>(iii) advertising in one or both major daily newspapers in circulation in the City;</p> <p>(iv) circulation of flyers; or</p> <p>(v) signage;</p> <p>(c) may declare different stages of outdoor water use restrictions in different areas;</p> <p>(d) shall, if changing the areas of application or stages of restrictions in any area or lifting a declaration of outdoor water use restrictions, cause a public notice to be given in a manner described in subsection (b); and</p>	<p>Bylaw Schedule E – Outdoor Water Restrictions permissions</p>	

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<p>(e) shall, after determining that the reason or reasons to require reduced water usage has sufficiently abated, declare an end to an outdoor water use restriction and shall cause public notice of such declaration to be given in a manner described in subsection (b).</p> <p>Prohibition</p> <p>(5) When an outdoor water use restriction is in effect, an Owner or Occupier of a parcel or premises must not allow the use of Potable Water supplied through the Water System for any outdoor activity or application prohibited in Schedule “E” to this Bylaw, unless such activity or application is expressly exempted in Schedule “E” under:</p> <p>(a) Stage One (Low risk to water supply);</p> <p>(b) Stage Two (Moderate risk to water supply);</p> <p>(c) Stage Three (High risk to water supply); or</p> <p>(d) Stage Four (Severe risk to water supply).</p> <p>Permitted Activities During Outdoor Water Use Restriction</p> <p>(6) Despite Schedule “E”, at any stage of an outdoor water restriction, the use of Potable Water for washing down sidewalks, walkways, driveways, exterior building surfaces or other outdoor surfaces, is permitted where necessary to comply with health and safety requirements.</p> <p>(7) In subsection (6) above, “health and safety requirements” means:</p> <p>(a) washing away bodily fluids (such as urine, excrement and vomit) subject to the requirements of the Stormwater Bylaw 37M2005; or</p> <p>(b) washing required by Occupational Health and Safety legislation and regulations.</p> <p>(8) The Director, Water Services may designate additional exemptions to prohibited activities in Schedule “E” during an outdoor water use restriction where Schedule “E” provides the Director, Water Services with the authority to do so for a specific activity.</p> <p>WATER MANAGED SITES PROGRAM</p> <p>20.1 (1) The Director, Water Services is authorized to establish a water managed sites program for Customers that use automatic irrigation systems that meet water efficiency standards including:</p>		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
<ul style="list-style-type: none"> (a) setting the form and content of applications to the program; (b) establishing standards that must be met for water efficiency including form and types of irrigation auditing, performance reporting, and establishing standards for Tier One and Tier Two Customers; (c) rejecting applicants that do not meet program requirements and issuing certificates to Customers accepted into the program; and (d) establishing policies and procedures implementing the program. <p>(2) The Director, Water Services may issue certificates under the water managed sites program accepting a Customer as either:</p> <ul style="list-style-type: none"> (a) a Tier One Water Managed Site; or (b) a Tier Two Water Managed Site. 		
<p>Outdoor Water Use Restrictions – Certificate Holders</p>		
<p>(3) When an outdoor water use restriction is in effect, an Owner or Occupier of a parcel or premises who holds a valid and subsisting certificate as a Tier One or Tier Two Water Managed System may use Potable Water supplied through the Water System in accordance with the requirements in Schedule “E” for either Tier One or Tier Two certificate holders as applicable.”.</p>		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording			Reason for Change	Key Changes
In Schedule “B” – OFFENCES: SPECIFIED PENALTIES:			Updates the timeframe for repairing a Cross Connection Control Device (which protect the quality of our drinking water) in Schedule “B” to ensure consistency in the requirements in other sections of Water Utility Bylaw.	
(a) after,				
<u>SECTION NUMBER</u>		<u>SPECIFIED PENALTY</u>		
“18(1)(c)	Allow spray or stream of Potable Water to run into street or sidewalk or parcel	\$200”		
the following is deleted:				
<u>SECTION NUMBER</u>		<u>SPECIFIED PENALTY</u>		
“20(5)(a)	Outdoor use of water contrary to stage 1 restrictions	\$400		
20(5)(b)	Outdoor use of water contrary to stage 2 restrictions	\$600		
20(5)(c)	Outdoor use of water contrary to stage 3 restrictions	\$1500		
20(5)(d)	Outdoor use of water contrary to stage 4 restrictions	\$3000”		
and the following is substituted:				
<u>SECTION NUMBER</u>		<u>SPECIFIED PENALTY</u>		
“20(5)(a)	Outdoor use of water contrary to Schedule “E” during stage 1 declaration	\$400		
20(5)(b)	Outdoor use of water contrary to Schedule “E” during stage 2 declaration	\$600		
20(5)(c)	Outdoor use of water contrary to Schedule “E” during stage 3 declaration	\$1500		
20(5)(d)	Outdoor use of water contrary to Schedule “E” during stage 4 declaration	\$3000”; and		
(b) after,				
<u>SECTION NUMBER</u>		<u>SPECIFIED PENALTY</u>		
“36(2)	Allow unauthorized operation of Water Service Valve	\$1500”		
the following is deleted under the headings indicated:				

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording			Reason for Change	Key Changes
SECTION NUMBER		SPECIFIED PENALTY		
37(1)	Unauthorized Cross Connection	\$1500		
38(1)	Failure to install Cross Connection Control Device	\$2000		
39(3)	Failure to test Cross Connection Control Device	\$1500		
39(4)	Fail to retain test records on-site	\$500		
39(5)	Fail to file passed Testable Cross Connection Control Device test report within thirty days	\$500		
39(6)	Fail to file failed Testable Cross Connection Control Device test report within two days	\$500		
39(7)	Fail to replace Testable Cross Connection Control Device within five days	\$1500"		
and the following is substituted under the headings indicated:				

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording				Reason for Change	Key Changes
SECTION NUMBER		SPECIFIED PENALTY			
37(1)	Unauthorized Cross Connection	\$1500			
37(2)	Testing Cross Connection Control Device without being registered as an Approved Tester	\$1500			
38(1)	Fail to install Cross Connection Control Device	\$2000			
38(3)	Fail to install Cross Connection Control Device on a temporary water connection	\$2000			
39(1)	Fail to test Cross Connection Control Device	\$1500			
39(2)(a)	Fail to provide copy of test report to the Director within 5 days for device found to be in good working order	\$500			
39(2)(b)	Fail to provide copy of test report to the Director within 2 business days where device found to be not in good working order	\$1500			
39(3)(a)	Fail to repair or replace Cross Connection Device that is not in good working order	\$1500			
39(3)(b)	Fail to retest repaired or replaced Cross Connection Device	\$1500			
39(3)(c)	Fail to provide the Director with a copy of the test report for a repaired or replaced device	\$500".			
<p>Schedule "E" – OUTDOOR WATER USE RESTRICTIONS is deleted in its entirety and the following is substituted:</p> <p>"SCHEDULE "E" – OUTDOOR CITY POTABLE WATER USE RESTRICTIONS</p> <p>All activities listed in rows 1 – 17 under the first column (column 1) are prohibited during any stage (Stage 1 – 4) of an outdoor water use restriction.</p> <p>A specific application method for that activity (column 2), by a specific person or entity (column 3), may be exempted from the prohibitions listed in Column 1 during a specific stage of outdoor water use restrictions (as allowed or detailed in columns 4, 5, 6 or 7 as applicable).</p>					

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording								Reason for Change	Key Changes
	1. Prohibited Activity at Any Stage of Restrictions unless specific Staged Exemption applies	2. Application Method Allowed during Staged Exemption	3. Person or Entity Allowed to use water during Staged Exemption	4. Stage One Exemptions (Low risk to water supply)	5. Stage Two Exemptions (Moderate risk to water supply)	6. Stage Three Exemptions (High risk to water supply)	7. Stage Four Exemptions (Severe risk to water supply)		
1	Watering of lawns	Any method except those listed below	All Customers listed for a specific day and time as set by the Director, Water Services, excepting those entities listed below	Only one day per week to a maximum of 2 hours per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	Only one day per week to a maximum of 1 hour per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	None (Not Allowed)	None (Not Allowed)	Improve clarity and provide flexibility for customers watering lawns during outdoor water use restrictions.	Change to one longer and continuous window of time for watering (7pm to 10am) from three smaller windows. The length of permitted watering (2 hours/week in Stage 1 and 1 hour/week in Stage 2) has not changed.
			The City of Calgary	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)		
		Irrigation by a Tier One Water Managed Site	Tier One Certificate holders	Allowed provided that watering programs reduced by 10%	Allowed provided that watering programs reduced by 20%	Allowed provided that watering programs reduced by 30%	None (Not Allowed)		
		Irrigation by a Tier Two Water Managed Site	Tier Two Certificate holders	Allowed provided that watering programs reduced by 15%	Allowed provided that watering programs reduced by 25%	Allowed provided that watering programs reduced by 35%	None (Not Allowed)		
2	Watering of gardens, trees and shrubs (lawns excluded)	Irrigation with sprinkler connected to a hose or any irrigation system with automatic shut off	All Customers except those listed below	Only one day per week to a maximum of 2 hours per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	Only one day per week to a maximum of 1 hour per day between the hours of 1900h and 1000h (based on a Schedule as determined by the Director, Water Services)	None (Not Allowed)	None (Not Allowed)	Improve clarity and provide flexibility for customers watering gardens, trees and shrubs during outdoor water use restrictions. Keep watering hours consistent across activities.	Change to one longer and continuous window of time for watering (7pm to 10am) instead of three smaller windows. The length of permitted watering (2 hours/week in Stage 1 and 1 hour/week in Stage 2) has not changed. Clarity provided

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording								Reason for Change	Key Changes
			The City of Calgary	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)		through wording change to sprinkler irrigation methods.
			Water Managed Sites Tier One Certificate holders	Allowed provided that watering program reduced by 10%	Allowed provided that watering program reduced by 20%	Allowed provided that watering program reduced by 30%	None (Not Allowed)		
			Water Managed Sites Tier Two Certificate holders	Allowed provided that watering program reduced by 15%	Allowed provided that watering program reduced by 25%	Allowed provided that watering program reduced by 35%	None (Not Allowed)		
		Spring-loaded type nozzles with automatic shut off connected to a hose	All Customers	Allowed	Allowed	None (Not Allowed)	None (Not Allowed)		
		Hand-held container (i.e., watering can, bucket)	All Customers	Allowed	Allowed	Allowed	None (Not Allowed)		
	3	Watering of New Grass (sod or seed) <i>New Sod means laid within 21 days</i> <i>New Seed means sown within 45 days</i>	Irrigation with sprinkler connected to a hose or any irrigation system with automatic shut off	All Customers except those listed below	Allowed	Allowed	None (Not Allowed)		
				Tier One Certificate holders – Irrigation by Water Managed Sites	Allowed provided that watering program reduced by 10%	Allowed provided that watering program reduced by 20%	Allowed provided that watering program reduced by 30%		
				Tier Two Certificate holders – Irrigation by Water Managed Sites	Allowed provided that watering program reduced by 15%	Allowed provided that watering program reduced by 25%	Allowed provided that watering program reduced by 35%		
			Spring-loaded type nozzles with automatic shut off connected to a hose or hand-held containers	All Customers	Allowed	Allowed	Allowed		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording								Reason for Change	Key Changes
4	Watering of new trees and shrubs during establishment period (5 years)	Irrigation with sprinkler connected to a hose or any irrigation system with automatic shut off	All Customers except those listed below	Allowed	Allowed	None (Not Allowed)	None (Not Allowed)	Promotes a healthy urban tree canopy and shrub health. Encourage continued tree and shrub planting during water shortage.	New Activity
			Water Managed Site Tier One Certificate holders	Allowed	Allowed	Allowed	None (Not Allowed)		
			Water Managed Site Tier Two Certificate holders	Allowed	Allowed	Allowed	None (Not Allowed)		
		Spring-loaded type nozzles with automatic shut off connected to a hose or hand-held containers	All Customers	Allowed	Allowed	Allowed	None (Not Allowed)		
5	Watering of edible food crops	Irrigation with sprinkler connected to a hose or any irrigation system with automatic shut off	All Customers	Allowed	Allowed	None (Not Allowed)	None (Not Allowed)		
		Spring-loaded type nozzles with automatic shut off connected to a hose or hand-held containers	All Customers	Allowed	Allowed	Allowed	Allowed		
6	Watering of plants for commercial sale or donation	Any	Operators of nurseries, garden centers, turf and tree farms, urban farms and food growing community organizations	Allowed	Allowed	Allowed	Allowed	Supports urban agriculture and people who grow their own food. Aligns priority water use with the City's food resilience objectives.	New Activity
7	Testing and auditing of Irrigation systems	Irrigation system with automatic shut off	All Customers	Allowed	Allowed	None (Not Allowed)	None (Not Allowed)		
			Tier One and Two Certificate holders and Applicants to	Allowed	Allowed	Allowed	None (Not Allowed)		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording								Reason for Change	Key Changes
			the Water Managed Sites Program undergoing irrigation auditing					<p>Change in wording needed due to new activity “watering edible food crops”. Continue to support urban ag and commercial growers.</p> <p>Water Managed Sites program can continue to accept and evaluate applicants. Allows companies to perform a low water use activity during restrictions. Allows fixing and testing of leaking or new irrigation systems.</p> <p>Allows for outdoor surfaces to be washed to meet health & safety regulations by all customers (was previously only specific businesses allowed). Does not allow for</p>	<p>Added urban farms and food growing community organizations. Added donation growing from these groups. Moved community gardens to “watering edible food crops”</p> <p>Added auditing. Permits both testing and auditing during restrictions which was not previously permitted.</p> <p>This activity now applies to all customers. Washing building exteriors has been moved into the window washing activity.</p>
8	Water use on Integrated Pest Management Test Sites	Any	City of Calgary Operations at Pest Management Test Sites	Allowed	Allowed	None (Not Allowed)	None (Not Allowed)		
9	Wash down sidewalks, walkways and driveways for any reason other than those permitted by section 20(6)	Any	All Customers	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)		
10	Washing exterior building surfaces, including windows	Any	All Customers	Allowed	Allowed	Allowed	None (Not Allowed)		
11	Washing of vehicles outdoors	Any	All Customers	Allowed subject to the Stormwater Bylaw 37M2005	Allowed subject to the Stormwater Bylaw 37M2005	None (Not Allowed)	None (Not Allowed)		
			Customers required to wash vehicles for environmental or health and safety regulations	Allowed subject to the Stormwater Bylaw 37M2005	Allowed subject to the Stormwater Bylaw 37M2005	Allowed subject to the Stormwater Bylaw 37M2005	Allowed subject to the Stormwater Bylaw 37M2005		
12	Filling of Fountains and other Decorative Features	Any	All Customers	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)	None (Not Allowed)		
13	Filling of outdoor hot tubs, swimming and wading pools	Any	All Customers	Allowed	Allowed	None Not Allowed unless exempted by	None Not Allowed unless exempted by		

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording								Reason for Change	Key Changes
						the Director, Water Services under section 20(8)	the Director, Water Services under section 20(8)	aesthetic cleaning of these surfaces.	
14	Water use for construction or renovation purposes	Any	All Customers	Allowed	Allowed	Allowed	None (Not Allowed)	<p>Strong desire from public to be able to perform this activity themselves. Simplified language. Combine two activities commonly performed together.</p> <p>Strong desire from the public to be able to wash vehicles at home.</p>	<p>Combine window and exterior building surfaces washing. Allowed for all customers in Stages 1-3. No washing by any customers in Stage 4, including window washing. Surfaces can be washed by any method.</p> <p>Washing of vehicles by all customers in Stages 1 & 2.</p>
15	Outdoor snow or ice making	Any	All Customers	Allowed	Allowed	None Not Allowed unless exempted by the Director, Water Services under section 20(8)	None Not Allowed unless exempted by the Director, Water Services under section 20(8)		
16	Watering of livestock	Any	Farm Operators	Allowed	Allowed	Allowed	Allowed		
17	Essential hydrant and main flushing	Any	The City of Calgary	Allowed	Allowed	Allowed	Allowed		
18	Essential street, bridge and transit infrastructure cleaning and washing	Any	The City of Calgary	Allowed	Allowed	Allowed	Allowed".		
								Clarify and generalize wording around construction and renovation to reduce confusion	Added renovation and removed specific examples of construction activities. No change to permissions.

Bylaw 40M2006 (Water Utility) Amendment – Proposed Wording	Reason for Change	Key Changes
	Ensure clean, safe and reliable transit operations during restrictions.	Added transit infrastructure.