OMC Chapter 13.24 Reclaimed Water Summary of Revisions

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April 2	2, 2013

Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
MAIN GIST OF CHANGES TO OMC 13.24 RECLAIMED WATER	 Closed regulatory gaps Used OMC 13.04 Water and OMC 4.24.010.A Utility Charges as primary models for consistency and completeness Expanded requirements for clearer application to indoor use of RW Expanded fees, rates, charges to empower the City to collect funds consistent with the Water Utility Eliminated redundancies and conflicting language Added definitions (terms and definitions copied from RCW, WAC, OMC, and EDDS, edited appropriately) Reorganized to group similar topics (which resulted in Repeal & Replace due to extensiveness of edits) 	Not Applicable	Not Applicable
General	Consistent use of lower and upper capital letters for certain definitions. Consistent use of "Premises", "End User", "Use Areas", etc. Replaced terms – for example, from "water department" to "Drinking Water Utility", from "water purveyor" to "Director", from "Utility Billing/CP&D/Clerks Office/etc" to "the City"	Not Applicable	Not Applicable
13.24.000 Chapter Sections and Titles	Renamed Section titles to match Section content; omitted lead-in "Reclaimed Water" for simplicity Changed Table of Contents Section titles to match new Section titles. Reorganized Sections to group similar topics.	Not Applicable	Not Applicable

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.010 Reclaimed Water; Purpose	Changed "uniform procedures and policies" to "requirements". Added reference to the requirement to meet City EDDS.	13.24.010 – Purpose	13.04.010 Purpose
	Added reference to "the OMC" to clarify the applicability of the Uniform Plumbing Code, which is adopted via OMC 16.04.020.A.4.		
13.24.020 Reclaimed water – Definitions	General: Definitions were made consistent with OMC 13.04 Drinking Water and other OMCs. Corrected references regarding authority (for example, identified the City Engineer as the authority for planning and construction; identified the Public Works Director as the authority for operations and use).	13.24.020 - Definitions	13.04.020 Definitions
	Added lead-in text to be consistent with Drinking Water OMC 13.04. Added new terms and definitions: Air gap, Appurtenance, Backflow prevention assembly, City EDDS, City		
	Permit, Consumer's water system, Cross connection, End User Service Agreement, Frontage/fronting/fronts, Local improvement district, LOTT Supply Agreement, Makeup water, Master meter, OMC, Reclaimed Water Permit, Reclaimed water system, Reuse, Service area, State Standards, Use area, and WAC.		
	Expanded or corrected existing terms and definitions (for example): LOTT, Reclaimed water		
	Changed "Standard specifications" to "City EDDS" for clarity. Changed "Reclaimed Water Service Agreement" to "End User Service Agreement" to be consistent with agreement language/title.		
	Changed "Supply Agreement" to "LOTT Supply Agreement" for clarity. Changed "Standards" to "State Standards" for clarity.		
	Eliminated "Standard or permanent mains" and "Substandard or temporary mains" because they were not used in the text.		

Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.030 Reclaimed Water is Part of Water Utility	Eliminated second paragraph (about "rates and charges") because that's covered in new OMC 13.24.250.	13.24.030 Reclaimed water is part of the Drinking Water Utility	Not applicable
13.24.040 Reclaimed Water Metering	 Expanded metering requirement to include premises and uses, according to the City EDDS and State Standards. .190 A addresses the metering of all premises and service connections and uses of reclaimed water. .190 B addresses the possible need to meter additional service connections associated with a single premise. 	13.24.190 – All Premises, service connections, and uses to be metered	13.04.200 Service connectionsGeneral requirements13.04.310 All services to be metered
13.24.050 Reclaimed Water; Authority of Director	Broke into subsections A, B, and C for clarity. Omitted the words "When authorized by the City Council" and indicated the authority of the Director to execute Supply Agreements, thereby eliminating authorization by City Council to grant such authority to the Director.	13.24.040 Authority of the Director	13.04.030 Rules for administration and enforcementCopy filing- -Noncompliance
13.24.060 Reclaimed Water; Reclaimed Water Service Agreements authorized	Broke into subsection A with further sections 1-4 for clarity. Added lead-in sentence to subsection A defining a Service Agreement. Stated that Service Agreements are required under the LOTT Supply Agreement and State Standards. Stated the agreement will be in a form determined by the City (the City already has a format that was reviewed and accepted by the State Departments of Ecology and Health). In general, the proposed OMC reflects the requirements of the End User (items 1 through 4). Section A (construction/O&M and uses) was moved to proposed 13.24.100 Reclaimed water service-General requirements.	13.24.070 – End User Service Agreements – General requirements	 13.04.060 Application for service 13.04.070 Use of water must be for purposes stated in application 13.04.120 Use of nonconforming connection material prohibited

Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
	Section B (uses) was moved to proposed 13.24.100 Reclaimed water service-General requirements.		13.04.180 Ownerships of mains and service
	Section B was also expanded to include applicable regulating references and is addressed in new 13.24.010.		connections
			13.04.200 Service
	Section C (human consumption) was is included in 13.24.010 Definition of "End Uses" and "Potable		connectionsGeneral
	water". (Also, the Standards say reclaimed water shall not be used for human consumption.)		requirements
	Section D (use area) was retained as 13.24.070.A.1 as a requirement of the End User.		
	Section E (access by City representatives) was moved to new 13.24.060 Access to Premises.		
	Section F was expanded to allow further conveyance to direct tenants; it is captured in 13.24.240.B		
	Prohibitions to indicate further conveyance must be approved by City.		
	Section G was moved to 13.24.240.L Prohibitions.		
	Section H was moved to 13.24.240.C Prohibitions.		
	Section I was moved to 13.24.240.D Prohibitions.		
	Section J was retained and expanded as 13.24.070.A.2 to include the City's authority to terminate reclaimed water and/or potable water service.		
	Section K (identify reclaimed water system components) was retained as 13.24.070.A.3 a requirement of the End User.		
	Section L (LOTT as 3 rd party beneficiary) was retained as 13.24.070.A.4 with minor text changes.		

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.070 Fees and Charges for Reclaimed Water	Added subsections A (fees), B (rates), and C (charges) to refer to specific sections of Title 4, Fees and Fines.	13.24.250 – Fees, rates, and charges	13.04.375 GFC 13.04.380 Water meter ratesInside city limits 13.04.390 Water meter ratesOutside city limits
13.24.080 Reclaimed Water, Continued service and temporary interruptions	First sentence omitted because "continued service" requirements are addressed under 13.24.010 (which generally mandates adherence to requirements as condition of reclaimed water use) and 13.24.100 Reclaimed water service-General requirements. Second part regarding temporary interruptions was retained as its own section, 13.24.220. City relief from liability is retained as 13.24.220.B. Specific instances of interruptions were retained in 13.24.220.A.1-6 Sections B and C expanded to include "appurtenances".	13.24.220 - Temporary service interruptions	13.04.130 Emergency and/or maintenance interruption of service
13.24.090 Discontinuation of Service	Expanded to include temporary or permanent discontinuations. Replaced " with 30 days prior written notice to the End User" with " in accordance with the Service Agreement".	13.24.230 – City discontinuation of reclaimed water service	13.04.440 Failure to ComplyViolations Penalties, Section A
13.24.100 Cross-connections prohibited	Replaced entire section 13.24.100 with section 13.04.110 Water Cross-connections and backflow prevention, and tailored as needed to address special considerations appropriate to reclaimed water. Expanded some sections as appropriate to emphasize requirements in situations where potable water is supplied as backup water to reclaimed water.	13.24.200 – Cross connections and backflow prevention	13.04.110 Cross- connections and backflow protection

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
	New section 13.24. 200.B clarifies City's authority up to and including the meter, and required approval by cross connection control specialist.		
	New 13.24. 200.C clarifies the cross connection control specialist's evaluation of degree of hazard to potable water supply.		
	New 13.24.200.D specifies that the protection must be commensurate with the hazard.		
	Sections 13.24.200.E-K are similar to 13.04.110 and include where appropriate additional requirements for protecting the potable water supply from backflow of reclaimed water:		
13.24.110 Use of Water Must be for Purposes Stated in Reclaimed Water Service Agreement	Omitted as a separate section; is included instead in proposed 13.24.070-End User Service Agreements- General requirements. Included in new 13.24.240.A Prohibitions	13.24.240 – Prohibitions (Section A)	13.04.070 Use of water must be for purposes stated in application
13.24.120 Waste of Water Prohibited	Generally retained as is and moved to 13.24.240.E Prohibitions. Broadened applicability from "landscape" to "use area".	13.24.240 – Prohibitions (Section E)	13.04.080 Waste of wate prohibited
	Rewrote phrase to omit the term "puddling".		
13.24.130 Damaging or nterfering with reclaimed water	Generally updated to be consistent with OMC 13.04.090 Water.	13.24.240 – Prohibitions (Section H)	13.04.090 Damaging or interfering with water
system prohibited	Section A was retained in new 13.24.240.H.		system prohibited
	Section B was retained in new 13.24.240.G. Allowance by LOTT or others duly authorized to access the City's reclaimed water system was retained in new 13.24.090-City authority required to work on reclaimed water system.		

Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
	Section C was retained in new 13.24.240.I and expanded to include " any potential source of contamination, or garbage"		
13.24.140 Use of nonconforming connection material prohibited	Section was eliminated because it is addressed via new 13.24.010-Purpose and 13.24.070-End User Service Agreements-General requirements. These new sections require compliance with State and City standards, which in turn prohibit use of nonconforming materials.	None	 13.04.120 Use of nonconforming connection material prohibited 13.04.200 Service connectionsGeneral requirements
13.24.150 Displacement of waterworks appurtenances	Increased notification requirement from 8 to 10 working days to be consistent with Engineering Design and Development Standards section 6.010(12) for water. Last sentence pertaining to "damaging the RW system" was moved to new 13.24.310.F-Failure to comply- Violations-Penalties that say restitution may be ordered by the Court.	13.24.140 – Displacement of reclaimed water service (Section B)	13.04.140 Displacement of waterworks appurtenances 13.04.200 Service connectionsGeneral requirements
13.24.160 Access to premises for inspection	First paragraph retained as new 13.24.060. Second paragraph retained as new 13.24.240.J-Prohibitions.	13.24.060 – Access to premises	13.04.150 Access to premises for inspection
13.24.170 City employees to work on mains and service connections	Section retained in new 13.24.090. Broadened reference from Public Works Department to City employees Included exclusion of LOTT or other agencies duly authorized by the City.	13.24.090-City authority required to work on reclaimed water system	13.04.160 City employees to work on mains and service connections

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.180 Mains and services - Location from sanitary sewers	Section retained in new 13.24.130. Expanded to specify placement requirements relative to potable water mains.	13.24.130 – Location of reclaimed water system from sanitary sewers and potable water mains	13.04.170 Mains and servicesLocation from sanitary sewers
13.24.190 Ownerships of mains and service connections	 First paragraph retained as new 13.24.050.A. Second paragraph retained as 13.24.050.B and specifies "within Service Area". Second paragraph, second sentence: new 13.24.240.F-Prohibitions. Third paragraph, first sentence (permit required): retained as new 13.24.100.C. Third paragraph, second sentence (\$25 fee): Omitted reference to a fee for a permit because this type of fee is no longer charged. 	13.24.050 – Ownership, operation, and maintenance of the reclaimed water system	13.04.180 Ownerships of mains and service connections
13.24.200	(This section number .200 does not exist in the current OMC 13.24.)	Not Applicable	Not Applicable
13.24.210 Service connections - General requirements	 Section A retained as new 13.24.110.A. Changed "adjacent to" to "fronts the lot" to be consistent with OMC 13.04 Water and the Building Code. Section B retained as 13.24.100.D. Omitted reference to outdated service installation practices (e.g., "right angle" and "stopcock") and referred more generally to "City Standard Specifications". Section C was retained and worded more broadly in new 13.24.190-All Premises, service connections, and uses to be metered. Section D retained as new 13.24.150.A-Additional services or reconnection or transfer of service, and new 13.24.190-All Premises, service connections, and uses premises to be metered. 	Addressed in: 13.24.100 – Reclaimed water service – General requirements 13.24.110 – Main frontage requirements 13.24.140-Displacement of reclaimed water service	 13.04.200 Service connectionsGeneral requirements (Note: Subsection F. references conformance to EDDS and to UPC for indoor use [on premises]) 13.04.310 All services to be metered

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
	Section E retained as new 13.24.100.E. Section F omitted because it is addressed in new 13.24.010-Purpose and 13.24.100.E. Section G omitted because it is an outdated service installation practices; the gist of the old requirement is also captured in the Engineering Design and Development Standards (EDDS). Section H retained in new 13.24.140.A-Displacement of reclaimed water service. Statement about "charge the expense to the owner of the service" was omitted because we don't do this if we relocate the services in public streets.	13.24.150-Additional services or reconnection or transfer of service 13.24.190-All Premises, service connections, and uses to be metered	13.04.350 Service reconnection or transfer of service
13.24.220 Temporary service connections	First paragraph was retained in new 13.24.160 – Temporary reclaimed water service Second paragraph was omitted because the City will not always necessarily require a temporary service to become permanent.	13.24.160 – Temporary reclaimed water service	13.04.210 Temporary service connections
13.24.230 Service connection- wholesale consumer	Entire Section has been omitted because City does not allow wholesale consumers of reclaimed water, or a master meter. The prohibition of master meters (Section B) is included in 13.24.240.K-Prohibitions.	No new Section specific to wholesaling. 13.24.240.K-Prohibitions (applies to	13.04.220 Service connectionMaster meters
13.24.240 Service agreements with other governmental units	Essentially retained as is. Moved to be closer to new 13.24.070-End User Service Agreements-General requirements	metering) 13.24.080 – End User Service Agreements with other governmental units	13.04.230 Service agreements with other governmental units
13.24.250 Water service outside city limits	Section modified not to allow the use of reclaimed water outside the Service Area. This prohibition was established to control the use of reclaimed water by allowing its use only within the City's jurisdiction of enforcement authority.	13.24.180 – Reclaimed water service outside Service Area	13.04.240 Water service outside city limits

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.260 Service connection -No main in street	Section A retained as new 13.24.110.B. Section B.1 retained as new 13.24.110.C.1.	13.24.110 – Main frontage requirements	13.04.200.A Service connectionsGeneral requirements
	Section B.2 retained as new 13.24.110.C.2.		13.04.280 Service connectionNo main in street
13.24.270 Main assessment rates	First paragraph, first sentence retained in 13.24.260.First paragraph, second sentence omitted because it is addressed in 13.24.250-Fees, rates, and charges.	13.24.260 – Local improvement district – Assessment rates	13.04.290 Local Improvement District Assessment rates
	Second paragraph retained as new 13.24.120 – Oversizing mains	13.24.120 – Oversizing mains	13.04.295 Oversizing of mains
13.24.280 All services to be metered	Section retained as new 13.24.190.A.	13.24.190 – All Premises, service connections, and uses to be metered	13.04.200 Service connectionsGeneral requirements
			13.04.310 All services to be metered
13.24.290 Turning on reclaimed water	First sentence retained as new 13.24.210.B. Text was expanded to also include turning reclaimed water off and allowing for possible disconnection, as well. This section states no charge during normal business hours.	13.24.210 – Turning reclaimed water on or off	13.04.320 Turning on water
	Second sentence was omitted because leaving a trench open is an outdated practice.		13.04.340 Notice required to have water discontinued and other charges for requests that water be turned on or turned off

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.300 Permission required to connect or turn reclaimed water on or off	First part of sentence regarding "connection" was omitted because it is addressed in 13.24.090-City authority required to work on reclaimed water system.Last part of sentence regarding "turn on or off" was retained as new 13.24.210.A.	13.24.210 – Turning reclaimed water on or off	13.04.330 Permission required to connect or turn water on or off
13.24.310 Notice required to have reclaimed water discontinued	Section retained as new 13.24.210.B Second sentence regarding "no charge for turn on/off" was expanded to include "no charge during business hours" (new 13.24.210.B) and "a charge for after hours" (new 13.24.210.C).	13.24.210 – Turning reclaimed water on or off	13.04.320 Turning on water 13.04.340 Notice required to have water discontinued and other charges for requests that water be turned on or turned off
13.24.320 Service reconnection or transfer of service	First sentence retained as new 13.24.150.B. Second sentence retained as new 13.24.150.C.	13.24.150 – Additional services or reconnection or transfer of service	13.04.350 Service reconnection or transfer of service
13.24.330 Charges to become lien	Section retained as new 13.24.280.	13.24.280 – Charges to become lien	13.04.370 Charges to become lien
13.24.340 Payment of reclaimed water billsDelinquency NotificationService discontinued for nonpayment – Past due fees	Section retained as new 13.24.300 Replaced "office of the clerk-treasurer" with "the City". Identified specific OMC (rather than referring generally to OMC 4.24)	13.24.300 Payment of reclaimed water bills – Delinquency notification – Service discontinued for nonpayment – Past due fees	13.04.430 Payment of water billsDelinquency NotificationService discontinued for nonpaymentPast due fees

Current Chapter and Title	General Description of How It Was Updated Added "Use Area" (in addition to premises). Regarding payment to, replaced "water division" with "the City".	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.24.350 Cash deposit for water service	Sections retained as new 13.24.270 Changed "water department" to "the City".	13.24.270 Cash deposit for reclaimed water service	13.04.420 Cash deposit for water service
13.24.360 Reclaimed Water, Remedies for violations of Reclaimed Water Service Agreements	Section A retained as new 13.24.310.A. Section B retained as new 13.24.310.C. Section C retained as new 13.24.310.D.	13.24.310 – Failure to Comply – Violations – Penalties	13.04.440 – Failure to Comply—Violations Penalties
13.24.370 Allocation of funds	Section retained as new 13.24.320.	13.24.320 – Allocation of funds	13.04.460 Allocation of funds
ADDITIONAL CHAPTERS FRO	M OMC 13.04 WATER THAT WERE ADDED TO OMC 13.24 RECLAIMED WATER		
13.04.040 Water system plan— Contents	A reclaimed water system plan is not a state requirement, so an equivalent section is not needed. (The Reclaimed Water Program is part of the Drinking Water Utility, so is included in the City's Water System Plan.)	None	Not Applicable
13.04.190 Private distribution systems to conform to city standards	The City's reclaimed water system will be controlled by the City in partnership with LOTT as required under the General Local Agreement. This section does not apply.	None	Not Applicable
13.04.240 Water service outside city limits	This section does not apply because the City does not provide reclaimed water service outside the Service Area, per new 13.24.180.	13.24.180 – Reclaimed water service outside Service Area	-

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.04.242 Water service outside city limits-Agreements to run with the land	This section does not apply because the City does not provide reclaimed water service outside the Service Area, per new 13.24.180.	13.24.180 – Reclaimed water service outside Service Area	-
13.04.244-Water service outside city limits-Other sections not affected	This section does not apply because the City does not provide reclaimed water service outside the Service Area, per new 13.24.180.	13.24.180 – Reclaimed water service outside Service Area	-
13.04.270 Extension of mains	Section is addressed in new 13.24.105 and 13.24.240.C	13.24.240 – Prohibitions	-
13.04.295 Oversizing of mains	Section carried over to new reclaimed water OMC as new 13.24.120.	13.24.120 – Oversizing mains	-
13.04.440 Failure to Comply ViolationsPenalties	Section A. Discontinuance of Water Service was carried over to new 13.24.310 as Section B. Section B was carried over as 13.24.310.C Section C was carried over as 13.24.310.D Section D was carried over to new 13.24.310 as Section E.	13.24.310 – Failure to comply – Violations – Penalties	-
13.04.360 Occupant turning on waterPenalty	Section carried over to new reclaimed water OMC as new 13.24.290. Changed "Penalty" to "Fine" to be consistent with Title 4, Fees and Fines.	13.24.290 – Occupant turning on reclaimed water - Fine	-
13.04.375 Water general facility charge (GFC)	This section does not apply to reclaimed water because a GFC is not collected for reclaimed water connections. Not collecting a GFC is part of the financial incentive provided by the City to encourage expansion of the reclaimed water system by developers.	None	-
13.04.390 Water meter rates— Outside city limits	This section does not apply to reclaimed water because reclaimed water use (and therefore service) is not allowed outside the Service Area per new 13.24.180.	None	-

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Current Chapter and Title	General Description of How It Was Updated	Proposed Chapter and Title	OMC 13.04 Water Cross-Reference
13.04.400 Charges for hydrants and fire protection outside city limits	This section does not apply to reclaimed water because RW service is neither provided outside the Service Area (per 13.24.180) nor is reclaimed water allowed to be used for fire suppression per EDDS Chapter 10.15 (which is included in the definition of "City EDDS" in 13.24.020.F).	None	-
13.04.410 Water for construction purposes	Section carried over to new 13.24.170.	13.24.170 – Reclaimed water for construction purposes	-
NEW SECTIONS ADDED (SPE	CIFIC) TO OMC 13.24 RECLAIMED WATER		
	New section 13.24.100.B enables the City to deny any proposed use of reclaimed water.	13.24.100 – Reclaimed water service – General requirements	None
	New section 13.24.220 enables the City to require closure of a public or private premises or Use Area if an interruption of the reclaimed water supply will result in a public health risk. This section was established to address, for example, reclaimed water used to flush public toilets: if reclaimed water is not available and a backup supply of water is not provided, and the toilets cannot be flushed, then the bathroom will be required to be closed to public and private use.	13.24.220 – Temporary service interruptions, Section C.	None
	New section 13.24.035 clarifies authority of City Engineer as different from 13.24.040, the authority of the Public Works Director	13.24.035 – Authority of City Engineer	None
	New section 13.24.065 clarifies application process and responsibility of applicant	13.24.065 – Application for service	13.04.060
	New section 13.24.105 clarifies approval needed and requirements to meet	13.24.105 – Extension of mains	13.04.270
	New section 13.24.175 is reserved for addressing reclaimed water infiltration to groundwater within City limits. We are reserving (and not developing) this section at this time because the new state reclaimed water rule isn't yet final and the Thurston County Critical Areas Ordinance currently prohibits reclaimed water infiltration in areas of County jurisdiction. The City may want to allow reclaimed water infiltration within areas of City jurisdiction in the future, but is not prepared to develop such regulations at this time.	13.24.175 – Reclaimed water for groundwater recharge in City limits [RESERVED]	None