Ordinance No. 124615

Council Bill No. 118179

AN ORDINANCE relating to Seattle Municipal Code Section 22.502.016 and amending Sections 110, 205, 225, 604, 1603, 1604 and 1702 of the 2012 Seattle Plumbing Code, to clarify regulations and adopt amendments consistent with the Washington State Plumbing Code.

Related Legislation File: _____

Date Introduced and Referred: 8/11/14	To: (committee): Planning, Land Use, and Sustainability
Date Re-referred:	To: (committee):
Date Re-referred:	To: (committee):
Date of Final Action: 10/20/14	Date Presented to Mayor: 10/21/14
Date Signed by Mayor: 10.24.14	Date Returned to City Clerk: 10.27.14
Published by Title Only X Published in Full Text _____	Date Vetoed by Mayor:
Date Veto Published:	Date Passed Over Veto:
Date Veto Sustained:	Date Returned Without Signature:

The City of Seattle – Legislative Department

Council Bill/Ordinance sponsored by: _____

Committee Action:

Date	Recommendation	Vote
10/14/14	PASS	3-0 MOB, TB NL EM

This file is complete and ready for presentation to Full Council. _____

Full Council Action:

Date	Decision	Vote
10/20/14	Passed	9-0

Law Department

Maureen Traxler
DPD 2014 Seattle Plumbing Code Update ORD
May 27, 2014
Version #1

CITY OF SEATTLE

ORDINANCE 124615

COUNCIL BILL 118179

AN ORDINANCE relating to Seattle Municipal Code Section 22.502.016 and amending Sections 110, 205, 225, 604, 1603, 1604 and 1702 of the 2012 Seattle Plumbing Code, to clarify regulations and adopt amendments consistent with the Washington State Plumbing Code.

BE IT ORDAINED BY THE CITY OF SEATTLE AS FOLLOWS:

Section 1. Chapter 1 of the Seattle Plumbing Code, which Chapter was last amended by Ordinance 124274, is amended as follows:

* * *

SECTION 110

ADMINISTRATIVE REVIEW

110.1 Administrative review by the Authority Having Jurisdiction. Prior to issuance of the plumbing permit, ((A))applicants may request administrative review by the Authority Having Jurisdiction of decisions or actions pertaining to the administration and enforcement of this code. Requests shall be addressed to the Authority Having Jurisdiction.

110.2 Administrative review by the Construction Codes Advisory Board. After administrative review by the Authority Having Jurisdiction, and prior to issuance of the plumbing permit, ((A))applicants may request review of decisions or actions pertaining to the application and interpretation of this code by the Construction Codes Advisory Board according to International Building Code Section 103.11, except for stop work orders, notices of violations and revocations of permits. The review will be performed by three or more members of the Construction Codes Advisory Board, chosen by the Board Chair. The Chair shall consider the subject of the review and members' expertise when selecting members to conduct a review. The

DIS CITY CLERK

decision of the review panel is advisory only; the final decision is made by the Authority Having Jurisdiction.

* * *

Section 2. Chapter 2 of the Seattle Plumbing Code, which Chapter was last amended by Ordinance 124274, is amended as follows:

* * *

205.0 –C–

[W] Certified Backflow Assembly Tester. A person certified by the Washington state department of health under chapter 246-292 WAC to inspect (for correct installation and approval status) and test (for proper operation), maintain and repair (in compliance with chapter 18.106 RCW) backflow prevention assemblies, devices and air gaps. ((~~A person who has shown competence to test and maintain backflow assemblies to the satisfaction of the Authority Having Jurisdiction.~~))

* * *

225.0 –W–

* * *

[W] Water/Wastewater Utility - A public or private entity, including a water purveyor as defined in chapter 246-290 WAC, which may treat, deliver, or do both functions to reclaimed (recycled) water, potable water, or both to wholesale or retail customers.

* * *

Section 3. Chapter 6 of the Seattle Plumbing Code, which Chapter was last amended by Ordinance 124274, is amended as follows:

* * *

604.0 Materials

* * *

SEA CITY CLERK

[W] 604.11 Lead Content. The maximum allowable lead content in pipes, pipe fittings, plumbing fittings and fixtures intended to convey or dispense water for human consumption shall be not more than a weighted average of 0.25 percent with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings and fixtures. For solder and flux, the lead content shall be not more than 0.2 percent where used in piping systems that convey or dispense water for human consumption. ((~~Water pipe and fittings with a lead content which exceeds 8 percent shall be prohibited in piping systems used to convey potable water.~~))

EXCEPTIONS:

1. Pipes, pipe fittings, plumbing fittings, fixtures or backflow preventers used for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not used for human consumption.
2. Water closets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are two inches (50 mm) in diameter or larger.

* * *

Section 4. Chapter 16 of the Seattle Plumbing Code, which Chapter was last amended by Ordinance 124274, is amended as follows:

* * *

1603 Reclaimed (Recycled) Water Systems.

* * *

[W] 1603.4 Connection to Potable or Reclaimed (Recycled) Water Systems. Reclaimed (recycled) water systems shall have no connection to a potable water supply or alternate water source system. Potable water is permitted to be used as makeup water for a reclaimed (recycled) water storage tank provided the water supply inlet is protected by an approved air gap ((~~or reduced pressure principle backflow preventer~~)) in accordance with this code.

SEA CITY CLERK

* * *

Section 1604.0 On-Site Treated Nonpotable Water Systems.

* * *

1604.12 Inspection and Testing. On-site treated nonpotable water systems shall be inspected and tested in accordance with Section 1604.12.1 and Section 1604.12.2.

1604.12.1 Supply System Inspection and Test. On-site treated nonpotable water systems shall be inspected and tested in accordance with this code for testing of potable water piping.

1604.12.2 Annual Cross-Connection Inspection and Testing. An initial and subsequent annual inspection and test shall be performed on both the potable and on-site treated nonpotable water systems. The potable and on-site treated nonpotable water system shall be isolated from each other and independently inspected and tested to ensure there is no cross-connection in accordance with Section 1604.12.2.1 through Section 1604.12.2.4.

1604.12.2.1 Visual System Inspection. Prior to commencing the cross-connection testing, a dual system inspection shall be conducted by the Authority Having Jurisdiction and other authorities having jurisdiction as follows:

(1) Pumps and equipment, equipment room signs, and exposed piping in equipment room shall be checked.

(2) Valves shall be checked to ensure that valve lock seals are still in place and intact. Valve control door signs shall be checked to verify that no signs have been removed.

1604.12.2.2 Cross-Connection Test. The procedure for determining cross-connection shall be followed by the applicant in the presence of the Authority Having Jurisdiction and other authorities having jurisdiction to determine whether a cross-connection has occurred as follows:

2014 CITY CLERK

(1) The potable water system shall be activated and pressurized. The on-site treated nonpotable water system shall be shut down and completely drained.

(2) The potable water system shall remain pressurized for a minimum period of time specified by the Authority Having Jurisdiction while the on-site treated nonpotable water system is empty. The minimum period the on-site treated nonpotable water system is to remain depressurized shall be determined on a case-by-case basis, taking into account the size and complexity of the potable and on-site treated water distribution systems, but in no case shall that period be less than 1 hour.

(3) Fixtures, potable and on-site treated, shall be tested and inspected for flow. Flow from an on-site treated water system outlet indicates a cross-connection. No flow from a potable water outlet shall indicate that it is connected to the on-site treated water system.

(4) The drain on the on-site treated nonpotable water system shall be checked for flow during the test and at the end of the test.

(5) The potable water system shall then be completely drained.

(6) The on-site treated nonpotable water system shall then be activated and pressurized.

(7) The on-site treated nonpotable water system shall remain pressurized for a minimum period of time specified by the Authority Having Jurisdiction while the potable water system is empty. The minimum period the potable water system is to remain depressurized shall be determined on a case-by-case basis, but in no case shall that period be less than 1 hour.

(8) Fixtures, potable and on-site treated nonpotable, shall be tested and inspected for flow. Flow from a potable water system outlet indicates a cross-connection. No flow from an on-site treated water outlet will indicate that it is connected to the potable water system.

SDS CITY CLERK

(9) The drain on the potable water system shall be checked for flow during the test and at the end of the test.

(10) Where there is no flow detected in the fixtures which would indicate a cross-connection, the potable water system shall be repressurized.

[W] 1604.12.2.3 Discovery of Cross Connection. In the event that a cross-connection is discovered, the following procedure, in the presence of the Authority Having Jurisdiction, shall be activated immediately:

(1) On-site treated nonpotable water piping to the building shall be shut down at the meter and the on-site treated water riser shall be drained.

(2) Potable water piping to the building shall be shut down at the meter.

(3) The cross-connection shall be uncovered and disconnected.

(4) The building shall be retested following procedures listed in Sections 1604.12.2.1 and 1604.12.2.2.

(5) The potable water system shall be chlorinated with 50 parts-per-million (ppm) chlorine for twenty-four hours.

(6) The potable water system shall be flushed after twenty-four hours, and a standard bacteriological test for drinking water shall be performed by a laboratory certified for drinking water in Washington state. Where test results are ((~~acceptable~~)) satisfactory to the Authority Having Jurisdiction, health authority having jurisdiction, and the water purveyor, the potable water system shall be permitted to be recharged.

Informative Note: See chapter 246-290 WAC for regulation of Group A Public Water Supplies.

1604.12.2.4 Annual Inspection. An annual inspection of the on-site treated nonpotable water system shall be required in accordance with Section 1604.12.2.1. Annual cross-connection testing in accordance with Section 1604.12.2.2 shall be required by the

SMC CITY CLERK

Authority Having Jurisdiction, unless site conditions do not require it. The test shall occur no less than once every 4 years.

Alternate testing requirements shall be permitted by the Authority Having Jurisdiction.

* * *

Section 5. Chapter 17 of the Seattle Plumbing Code, which Chapter was last amended by Ordinance 124274, is amended as follows:

* * *

Section 1702.0 Nonpotable Rainwater Catchment Systems.

* * *

1702.2 Permit. It shall be unlawful for a person to construct, install, alter, or cause to be constructed, installed, or altered a nonpotable rainwater catchment system in a building or on a premises without first obtaining a permit to do such work from the authority having jurisdiction.

EXCEPTIONS:

1. A permit is not required for exterior rainwater catchment systems used for outdoor drip and subsurface irrigation with a maximum storage capacity of 360 gallons (1363 L).
2. A plumbing permit is not required for rainwater catchment systems for single family dwellings where outlets, piping, and system components are located on the exterior of the building. This does not exempt the need for permits where required for electrical connections, tank supports, or enclosures.

1702.2.1 Plumbing Plan Submission. No permit for a rainwater catchment system shall be issued until complete plumbing plans, with data satisfactory to the Authority Having Jurisdiction, have been submitted and approved.

2014 CITY CLERK

[W] 1702.2.2 Discovery of Cross Connection. In the event that a cross-connection is discovered, the following procedure, in the presence of the Authority Having Jurisdiction, shall be activated immediately:

(1) Rainwater catchment water piping to the building shall be shut down at the meter, and the rainwater water riser shall be drained.

(2) Potable water piping to the building shall be shut down at the meter.

(3) The cross-connection shall be uncovered and disconnected.

(4) The building shall be retested following procedures listed in Sections 1603.11.2.1 and 1603.11.2.2.

(5) The potable water system shall be chlorinated with 50 parts-per-million (ppm) chlorine for twenty-four hours.

(6) The potable water system shall be flushed after twenty-four hours, and a standard bacteriological test for drinking water shall be performed by a laboratory certified for drinking water in Washington state. Where test results are satisfactory to the Authority Having Jurisdiction, health authority having jurisdiction, and the water purveyor, the potable water system shall be permitted to be recharged.

Informative Note: See chapter 246-290 WAC for regulation of Group A Public Water Supplies.

* * *

Section 6. This ordinance shall take effect and be in force 30 days after its approval by the Mayor, but if not approved and returned by the Mayor within ten days after presentation, it shall take effect as provided by Seattle Municipal Code Section 1.04.020.

2014 CITY CLERK

Passed by the City Council the 20th day of October, 2014, and signed by me in open session in authentication of its passage this 20th day of October, 2014.

President _____ of the City Council

Approved by me this 24th day of October, 2014.

~~Edward B. Murray, Mayor~~

Filed by me this 27th day of October, 2014.

Monica Martinez Simmons, City Clerk

(Seal)

2014 CITY CLERK

Form revised: February 26, 2014

FISCAL NOTE FOR NON-CAPITAL PROJECTS

Department:	Contact Person/Phone:	CBO Analyst/Phone:
DPD	Maureen Traxler/233-3892	Melissa Lawrie/684-5805

Legislation Title:
AN ORDINANCE relating to Seattle Municipal Code Section 22.502.016 and amending Sections 110, 205, 225, 604, 1603, 1604 and 1702 of the 2012 Seattle Plumbing Code, to clarify regulations and adopt amendments consistent with the Washington State Plumbing Code.

Summary of the Legislation: This legislation clarifies the procedure for review of DPD decisions about permit applications. It adopts amendments recently added to the State Plumbing Code regarding lead content in potable water piping, and cross-connection control for recycle water systems.

Background: The Seattle Plumbing Code is one of several construction-related codes that local jurisdictions are required to enforce. New editions of these codes are adopted by the State every 3 years; Seattle adds local amendments to the State codes. Seattle adopted the 2012 codes in 2013.

This legislation is one of seven related bills that amend the construction-related codes to adopt recent state code provisions and correct errors.

X **This legislation does not have any financial implications.**

Other Implications:

a) **Does the legislation have indirect financial implications, or long-term implications?** **No**

b) **What is the financial cost of not implementing the legislation?** It's unlikely there would be any cost.

c) **Does this legislation affect any departments besides the originating department? No**

d) **What are the possible alternatives to the legislation that could achieve the same or similar objectives?** No

2015 CITY CLERK

e) **Is a public hearing required for this legislation? No**

f) **Is publication of notice with *The Daily Journal of Commerce* and/or *The Seattle Times* required for this legislation? No**

g) **Does this legislation affect a piece of property? No**

h) **Other Issues: None**

List attachments to the fiscal note below: None

2014 CITY CLERK

City of Seattle
Edward B. Murray
Mayor

July 29, 2014

Honorable Tim Burgess
President
Seattle City Council
City Hall, 2nd Floor

Dear Council President Burgess:

I am pleased to transmit the attached proposed Council Bill that amends the 2012 Seattle Plumbing Code that was adopted last year. This bill clarifies and corrects the Plumbing Code, and coordinates it with recent changes to the Washington State Plumbing Code.

We are submitting seven related bills that amend different construction-related codes. Some of the amendments are repeated in each of the bills. Every three years the City adopts a new edition of the codes except for the Grading Code. These bills make smaller changes that are nonetheless important to have in place until the next code editions are adopted in 2016.

Thank you for your consideration of this legislation. Should you have questions, please contact Maureen Traxler at 233-3892.

Sincerely,

Edward B. Murray
Mayor of Seattle

cc: Honorable Members of the Seattle City Council

Office of the Mayor
Seattle City Hall, 7th Floor
600 Fourth Avenue
PO Box 94749
Seattle, Washington 98124-4749

Tel (206) 684-4000
Fax: (206) 684-5360
Hearing Impaired use the Washington Relay Service (7-1-1)
www.seattle.gov/mayor

2014 JUL 29 CITY CLERK

STATE OF WASHINGTON -- KING COUNTY

--ss.

317671 No.

CITY OF SEATTLE,CLERKS OFFICE

Affidavit of Publication

The undersigned, on oath states that he is an authorized representative of The Daily Journal of Commerce, a daily newspaper, which newspaper is a legal newspaper of general circulation and it is now and has been for more than six months prior to the date of publication hereinafter referred to, published in the English language continuously as a daily newspaper in Seattle, King County, Washington, and it is now and during all of said time was printed in an office maintained at the aforesaid place of publication of this newspaper. The Daily Journal of Commerce was on the 12th day of June, 1941, approved as a legal newspaper by the Superior Court of King County.

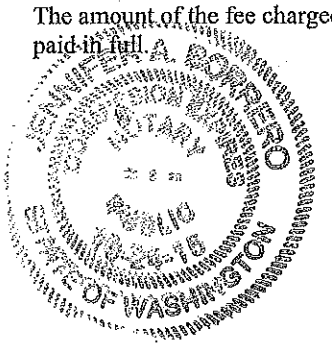
The notice in the exact form annexed, was published in regular issues of The Daily Journal of Commerce, which was regularly distributed to its subscribers during the below stated period. The annexed notice, a

CT:124612-19 TITLE ONLY

was published on

11/20/14

The amount of the fee charged for the foregoing publication is the sum of $104.65 which amount has been paid in full.



Subscribed and sworn to before me on

11/20/2014

Notary public for the State of Washington,
residing in Seattle

State of Washington, King County

City of Seattle

The full text of the following legislation, passed by the City Council on October 20, 2014, and published below by ~~title only~~, will be mailed upon request, or can be accessed at http://clerk.seattle.gov. For information on upcoming meetings of the Seattle City Council, please visit http://www.seattle.gov/council/calendar. Contact: Office of the City Clerk at (206) 684-8344.

ORDINANCE NO. 124612

AN ORDINANCE relating to Seattle Municipal Code Section 22.420.010; amending Section 110 of the 2012 Seattle Fuel Gas Code regarding administrative review of decisions related to application of the Fuel Gas Code.

ORDINANCE NO. 124613

AN ORDINANCE relating to Seattle Municipal Code Section 22.150.010; amending Sections R103, R105, R202, and R302 of the 2012 Seattle Residential Code, to clarify regulations and adopt amendments consistent with the Washington Residential Code.

ORDINANCE NO. 124614

AN ORDINANCE relating to Seattle Municipal Code Section 22.700.010; amending Seattle Energy Code Sections C101, C109, C402, C403, C404, C405, and C408 of the 2012 Seattle Energy Code, to correct section references, clarify regulations, and make amendments consistent with Washington State Energy Code.

ORDINANCE NO. 124615

AN ORDINANCE relating to Seattle Municipal Code Section 22.502.016 and amending Sections 110, 205, 225, 604, 1603, 1604 and 1702 of the 2012 Seattle Plumbing Code, to clarify regulations and adopt amendments consistent with the Washington State Plumbing Code.

ORDINANCE NO. 124616

AN ORDINANCE relating to Seattle Municipal Code Section 22.100.010; amending Sections 103, 106, 907, 908, 911, 1029, 1606, 1805, 3016 and 3107 of the 2012 Seattle Building Code, to clarify regulations and adopt amendments consistent with Washington State regulations.

ORDINANCE NO. 124617

AN ORDINANCE relating to Seattle Municipal Code Chapter 22.170; adding Section 22.170.055, and amending Section 22.170.120 of the Seattle Grading Code, to clarify regulations, and adopt amendments consistent with the Seattle Building Code.

ORDINANCE NO. 124618

AN ORDINANCE relating to the Seattle Municipal Code Section 22.400.010; amending Section 110 of the 2012 Seattle Mechanical Code, regarding administrative review of decisions related to application of the Mechanical Code.

ORDINANCE NO. 124619

AN ORDINANCE appropriating money to pay certain audited claims and ordering the payment thereof.

Date of publication in the Seattle Daily Journal of Commerce, November 20, 2014.

11/20(317671)