

2007 DRAFTING REQUEST

Bill

Received: **01/24/2008**

Received By: **mglass**

Wanted: **As time permits**

Identical to LRB:

For: **Jeffrey Plale (608) 266-7505**

By/Representing: **Katy**

This file may be shown to any legislator: **NO**

Drafter: **mglass**

May Contact:

Adl. Drafters:

Subject: **Buildings/Safety - misc.**

Extra Copies:

Submit via email: **YES**

Requester's email: **Sen.Plale@legis.wisconsin.gov**

Carbon copy (CC:) to:

Pre Topic:

No specific pre topic given

Topic:

Definition of plumbing

Instructions:

See Attached

Drafting History:

<u>Vers.</u>	<u>Drafted</u>	<u>Reviewed</u>	<u>Typed</u>	<u>Proofed</u>	<u>Submitted</u>	<u>Jacketed</u>	<u>Required</u>
/?							
/P1	mglass 01/24/2008 mglass 02/18/2008	bkraft 01/24/2008 wjackson 02/18/2008	nmatzke 01/24/2008	_____	lparisi 01/24/2008		State
/1			rschluet 02/18/2008	_____	mbarman 02/18/2008	cduerst 02/29/2008	

FE Sent For:

at ito
3/5

<END>

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1 w/ly 2/18

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2/18
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/?	mglass		nwn 1/24	nwn/RS 1/24			

FE Sent For:

<END>

Bill Request Form

Legislative Reference Bureau
One East Main Street, Suite 200
Legal Section 266-3561

You may use this form or talk directly with the LRB attorney who will draft the bill.

Date 11/20/07

Legislator, agency, or other person requesting this draft Sen. Plale

Person submitting request (name and phone number) Katy Veniskus 6-7505

Persons to contact for questions about this draft (names and phone numbers) _____

Katy Veniskus 6-7505

Describe the problem, including any helpful examples. How do you want to solve the problem?

See attached proposal.

Please attach a copy of any correspondence or other material that may help us. If you know of any statute sections that might be affected, list them or provide a marked-up copy.

You may attach a marked-up copy of any LRB draft or provide its number (e.g., 2005 LRB-2345/1 or 2003 AB-67).

Requests are confidential unless stated otherwise. May we tell others that we are working on this for you? YES NO

If yes: Anyone who asks? YES NO
 Any legislator? YES NO

Only the following persons _____

Do you consider this request urgent? YES NO If yes, please indicate why _____

Should we give this request priority over any pending request of this legislator, agency, or person?

YES NO

Proposal

Revised/Updated Definition for Plumbing (Chapter 145 – Wisconsin Statutes)

Current Law:

Plumbing is defined in the state statutes in Chapter 145.01(10).

The Issue:

The definition of plumbing has not been reviewed and updated in some time. The Plumbing Advisory Code Council, which meets under the auspices of the Safety & Buildings Division of the Department of Commerce, recently reviewed the definition and recommended that it be revised/updated.

The Plumbing Advisory Code Council noted that several changes were needed to clarify the definition. By way of example, the current definition includes “water softeners” but that definition does not reflect the full array of products that are installed by the industry (reverse osmosis systems, iron filters, etc.). Those items would be better described using the recommended language, “water treatment devices.”

The Plumbing Advisory Code Council also noted that several changes were needed to reflect new technologies and a better understanding of the effects of stormwater runoff on the contamination and pollution of our public bodies of water. By way of example, the current definition of plumbing does not contemplate water reuse technologies. Water reuse technologies include systems for capturing wastewater and stormwater, treating that water on-site, and reusing that water to serve the property in instances where non-potable (not for human consumption) water is not required – flushing a toilet or irrigating a lawn, for instance.

The Proposed Solution:

Modify the language in Chapter 145.01(10) as recommended on the attached and throughout the statutes as necessary.

The intention of the proposed language is to have the definition updated so as to better reflect the current practices within the industry and to better protect our state’s residents and our bodies of water from pollution and contamination.

Ch. 145.01 (10) PLUMBING. "Plumbing" means and includes:

(a) All piping, fixtures, appliances, equipment, devices and appurtenances in connection with the water supply systems, water distribution systems, wastewater and drainage systems, wastewater reuse systems, and stormwater use systems including, but not limited to hot water storage tanks, water softeners treatment devices and water heaters connected with such water and drainage systems and also includes the installation thereof.

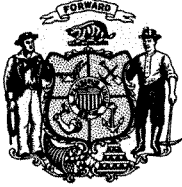
(b) The construction, connection or installation of any drain or ~~waste~~ wastewater piping system ~~from the outside or proposed outside foundation walls of any building~~ to the mains or other ~~sewage system~~ terminal within bounds of, or beneath an area subject to easement for highway purposes, including private sewage systems and stormwater treatment and dispersal systems, and the alteration of any such systems, drains or wastewater piping.

(c) The water service piping from the ~~outside or proposed outside foundation walls of any building to the main~~ or other water utility service terminal within bounds of, or beneath an area subject to easement for highway purposes and its connections.

(d) The water pressure system other than municipal systems as provided in Ch. 281.

(e) A plumbing and drainage system so designed and vent piping so installed as to keep the air within the system in free circulation and movement; to prevent with a margin of safety unequal air pressures of such force as might blow, siphon or affect trap seals, or retard the discharge from plumbing fixtures, or permit sewer air to escape into the building; to prohibit cross-connection, contamination or pollution of the ~~potable~~ water supply and distribution systems; and to provide an adequate supply of water to properly serve, cleanse and operate all fixtures, equipment, appurtenances and appliances served by the plumbing system.

Comm 81.01 (276) "Wastewater" means clear water, stormwater, groundwater, domestic wastewater, industrial wastewater, reuse water, sewage or any combination of these.



9:00 AM
1/25

State of Wisconsin
2007 - 2008 LEGISLATURE

3927 RMR
LRB-3582
MGG:.....
bjk

SOON (in edit 1/15)

PRELIMINARY DRAFT - NOT READY FOR INTRODUCTION ✓

LPS - Please check spelling

D-note

SA ✓
X-ref ✓

gen. cont.

1 AN ACT ...; relating to: the definition of plumbing. ✓

Analysis by the Legislative Reference Bureau

This is a preliminary draft. An analysis will be provided in a later version. ✓

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

2 SECTION 1. 145.01 (10) (intro.) of the statutes is amended to read:

3 ✓145.01 (10) PLUMBING. (intro.) "Plumbing" means and includes:

4 SECTION 2. 145.01 (10) (a) of the statutes is amended to read:

5 ✓145.01 (10) (a) All Any piping, fixtures, appliances fixture, appliance,
6 equipment, devices and appurtenances device, or appurtenance in connection with
7 the any water supply system, water distribution and system, wastewater drainage
8 systems system, wastewater reuse system, or stormwater use system, including any
9 hot water storage tanks tank, water softeners and treatment device, or water heaters
10 heater connected with such water and drainage systems and also includes the
11 installation thereof any of these systems. ✓

1 SECTION 3. 145.01 (10) (b) of the statutes is amended to read:

2 ✓ 145.01 (10) (b) ~~The construction, connection or installation of any~~ Any drain
3 or waste any wastewater piping system ~~from the outside or proposed outside~~
4 ~~foundation walls of any building to the mains that runs to a main or other sewage~~
5 ~~system terminal within bounds of, or beneath an area subject to easement for~~
6 ~~highway purposes, including private sewage systems, and the alteration of any such~~
7 ~~systems, drains or waste piping.~~ ✓

8 SECTION 4. 145.01 (10) (c) of the statutes is amended to read:

9 ✓ 145.01 (10) (c) The Any water service piping ~~from the outside or proposed~~
10 ~~outside foundation walls of any building to the system that runs from a main or other~~
11 ~~water utility service terminal within bounds of, or beneath an area subject to~~
12 ~~easement for highway purposes and its connections.~~ ✓

13 SECTION 5. 145.01 (10) (d) of the statutes is amended to read:

14 ✓ 145.01 (10) (d) The Any water pressure system other than a municipal systems
15 system as provided in ch. 281. ✓

16 SECTION 6. 145.01 (10) (e) of the statutes is renumbered 145.01 (10) (e) (intro.)
17 and amended to read:

18 ✓ 145.01 (10) (e) (intro.) ~~A~~ Any plumbing and system, drainage system ~~so, or~~
19 vent piping designed and vent piping ~~so installed as to keep to do any of the following:~~ ✓

20 1. Keep the air within the system ~~or piping~~ in free circulation and movement;
21 ~~to prevent.~~ ✓

22 2. Prevent with a margin of safety ~~unequal air pressures of~~ pressure building
23 to such force as might that the pressure is able to blow, siphon, or affect a trap seals
24 seal, or retard the discharge from ~~plumbing fixtures~~ a fixture, or permit sewer air to
25 escape into the building ~~to prohibit.~~ ✓

1 3. Prohibit the cross-connection, contamination, or pollution of the potable a
2 water supply and system or a water distribution systems; and to provide system.

3 4. Provide an adequate supply of water to properly serve, cleanse, and operate
4 all fixtures, equipment, appurtenances, and appliances served by the plumbing
5 system, drainage system, or vent piping.

6 SECTION 7. 145.01 (11) of the statutes is amended to read:

7 ✓ 145.01 (11) PLUMBING APPRENTICE. "Plumbing apprentice" means any person
8 other than a journeyman or master plumber who is engaged in learning and assisting
9 in the construction, connection, or installation of plumbing and drainage.

10 SECTION 8. 145.01 (13) of the statutes is amended to read:

11 ✓ 145.01 (13) REGISTERED LEARNER. "Registered learner" means a person, other
12 than a restricted plumber licensee, who is learning in a limited type manner the
13 construction, connection, and of plumbing and is engaged in assisting a restricted
14 plumber licensee.

15 SECTION 9. 145.02 (1) of the statutes is amended to read:

16 ✓ 145.02 (1) The construction, connection, or installation and maintenance of
17 plumbing in connection with all buildings in this state, including buildings owned
18 by the state or any political subdivision thereof, shall be safe, sanitary, and such as
19 to safeguard the public health and the waters of the state.

20 SECTION 10. 145.02 (2) of the statutes is amended to read:

21 ✓ 145.02 (2) The department shall have general supervision of all such the
22 construction, connection, installation, and maintenance of plumbing as described in
23 sub. (1) and shall after public hearing prescribe and publish and enforce reasonable
24 standards therefor which for such plumbing that shall be uniform and of statewide
25 concern so far as practicable. Any employee designated by the department may act

1 for the department in holding such public hearing. To the extent that the historic
2 building code applies to the subject matter of these standards, the standards do not
3 apply to a qualified historic building if the owner elects to be subject to s. 101.121.

4 **SECTION 11.** 145.02 (3) (b) of the statutes is amended to read:

5 ✓ 145.02 (3) (b) Conduct investigations and experiments for the advancement of
6 technical knowledge relating to the construction, connection, or installation of
7 plumbing and may hold public meetings and attend or be represented at such
8 meetings within or without the state.

9 **SECTION 12.** 145.02 (3) (c) of the statutes is amended to read:

10 ✓ 145.02 (3) (c) Enter and inspect plumbing at reasonable hours plumbing
11 installations on private or public property and may disseminate information relative
12 to the provisions of this chapter.

13 **SECTION 13.** 145.02 (3) (d) of the statutes is amended to read:

14 ✓ 145.02 (3) (d) Prepare and cause to be printed such codes, bulletins or other
15 documents as may be necessary and furnish copies thereof to those engaged in the
16 plumbing business of constructing, connecting, or installing plumbing and to the
17 public upon request.

18 **SECTION 14.** 145.02 (3) (e) of the statutes is amended to read:

19 ✓ 145.02 (3) (e) Furnish upon request of the owner of the building or of the
20 plumber ~~making the plumbing installation~~ involved in the construction, connection,
21 or installation of plumbing, recommendations or a certificate of inspection.

22 **SECTION 15.** 145.02 (3) (g) of the statutes is amended to read:

23 ✓ 145.02 (3) (g) By rule, fix fees for the examination and approval of plans of for
24 the construction, connection, or installation of plumbing systems and collect the
25 same these fees.

1 SECTION 16. 145.04 (title) of the statutes is amended to read:

2 ✓ 145.04 (title) **Water systems and sewerage systems.**

3 SECTION 17. 145.04 (1) of the statutes is amended to read:

4 ✓ 145.04 (1) ORDINANCE RULES. A 1st, 2nd, or 3rd class city with a water system
5 or sewerage system shall, and a village, 4th class city, town, county, or metropolitan
6 sewerage commission may, by ordinance, prescribe rules relating to local permits for
7 the construction, connection, or installation, alteration and inspection of plumbing
8 to safeguard the public health.

9 SECTION 18. 145.04 (3) of the statutes is amended to read:

10 ✓ 145.04 (3) REPORTS TO DEPARTMENT. The authorities of any such city or
11 metropolitan sewerage district shall report to the department each failure on the
12 part of a state licensed plumber to qualify as a journeyman or master plumber and
13 each willful violation of any plumbing regulation related to the construction,
14 connection, or installation of plumbing.

15 SECTION 19. 145.05 (1) of the statutes is amended to read:

16 ✓ 145.05 (1) The common council of a 1st, 2nd, or 3rd class city with a water
17 system or ~~water~~ sewerage system, or the officer or board in charge, shall appoint one
18 or more plumbing supervisors, who to oversee the construction, connection, or
19 installation of plumbing. These supervisors shall be licensed plumbers, and unless
20 under civil service shall serve for a term of 4 years or more subject to removal for just
21 cause except as otherwise provided by ordinance when first appointed, but need not
22 renew their licenses while they continue in office. The common council of a 4th class
23 city, the board of a village, town, or county or the commissioner in charge of any
24 metropolitan sewerage district may appoint one or more plumbing plumber
25 supervisors who shall be practical plumbers, skilled sanitarians, or competent

1 persons familiar with the construction, connection, or installation of plumbing and
2 unless under civil service shall serve for a term of 4 years or more subject to removal
3 for just cause except as otherwise provided by ordinance. They shall supervise all
4 construction, connection, installation, service, and repair of plumbing, ~~new or~~
5 ~~alterations or repairs~~, and they shall report to the appointing body violations of
6 regulations, and perform such other appropriate duties as may be required. Their
7 compensation shall be fixed by the council, board, or commission.

8 **SECTION 20.** 145.06 (1) (a) of the statutes is amended to read:

9 145.06 (1) (a) No person may engage in or work at constructing, connecting,
10 installing, servicing, or repairing plumbing in the state unless licensed to do so by
11 the department. A master plumber may work as a journeyman. No person may act
12 as a plumbing apprentice or pipe layer unless registered with the department.

13 **SECTION 21.** 145.06 (1) (b) of the statutes is amended to read:

14 145.06 (1) (b) No public utility ~~shall engage in or perform~~ may construct,
15 connect, install, service, or repair plumbing unless exempted by sub. (4).

16 **SECTION 22.** 145.06 (2) of the statutes is amended to read:

17 145.06 (2) No person ~~shall~~ may construct, connect, install, service, or repair
18 plumbing unless at all times a licensed master plumber is in charge, who shall be
19 responsible for proper construction, connection, installation, service, or repairs.
20 Licenses shall be issued only to individuals and no license shall be issued to or in the
21 name of any firm or corporation. No such license shall be transferable. It is unlawful
22 for any licensed master plumber to allow the use of his or her license, directly or
23 indirectly, for the purpose of obtaining local permits for others or to allow the use of
24 his or her license by others to construct, connect, install, service, or repair plumbing
25 work.

X ✓
1 SECTION 23. 145.06 (3) of the statutes is amended to read:

2 ✓ 145.06 (3) Each member or employee of a partnership or limited liability
3 company or each officer or employee of a corporation engaging in the business of
4 superintending the construction, connection, installation, servicing, or repair of
5 plumbing installations shall be required to apply for and obtain a master plumber's
6 license before engaging in the ~~work of superintending plumbing installations~~
7 superintending.

X ✓
8 SECTION 24. 145.06 (4) (a) of the statutes is amended to read:

9 ✓ 145.06 (4) (a) Plumbing ~~work done~~ constructed, connected, installed, serviced,
10 or repaired by a property owner in a one-family building owned and occupied by him
11 or her as his or her home or farm building, except where such license is required by
12 local ordinance.

X ✓
13 SECTION 25. 145.07 (5) of the statutes is amended to read:

14 ✓ 145.07 (5) Any resident who has been actively engaged in this state in a limited
15 type installations of plumbing ~~installation work of a limited type~~ for a period of not
16 less than 1,000 hours per year for 2 or more consecutive years as a licensed
17 journeyman plumber (restricted) may be examined for licensure as a master plumber
18 (restricted).

X ✓
19 SECTION 26. 145.09 (2) of the statutes is amended to read:

20 ✓ 145.09 (2) The person has practical experience in constructing, connecting,
21 installing, servicing, and repairing plumbing in another state that the department
22 determines is equivalent to the experience required under this chapter.

X ✓
23 SECTION 27. 145.11 (1) (intro.) of the statutes is amended to read:

1 ✓ 145.11 (1) (intro.) No person offering to construct, connect, install, service, or
2 repair plumbing services may do any of the following, unless the person is a licensed
3 master plumber or employs a licensed master plumber:

4 X SECTION 28. 145.12 (3) of the statutes is amended to read:

5 ✓ 145.12 (3) Any master plumber who shall employ ~~an~~ a plumbing apprentice ~~on~~
6 plumbing representing the apprentice to be a journeyman, or who shall charge for
7 an apprentice a journeyman's wage, shall be punished by a fine of not more than \$25,
8 or by imprisonment in the county jail for not more than 30 days. Each day of violation
9 shall be a separate offense.

10 X SECTION 29. 145.13 of the statutes is amended to read:

11 ✓ 145.13 **Adoption of state plumbing code**. The state plumbing code ~~and~~
12 ~~amendments to that code as adopted by the department have the effect of law in the~~
13 ~~form of standards statewide in application and~~ regulating the construction,
14 connection, installation, servicing, and repair of plumbing shall apply to all types of
15 buildings, private or public, rural or urban, including buildings owned by the state
16 or any political subdivision thereof. The state plumbing code shall comply with ch.
17 160. All plumbing construction, connections, and installations of plumbing and all
18 services and repairs to plumbing shall so far as practicable be made to conform with
19 such this code.

20 X SECTION 30. 145.14 (2) (b) of the statutes is amended to read:

21 ✓ 145.14 (2) (b) *Appliances, equipment or devices*. Under this paragraph persons
22 installing a water softeners, softener, a water heaters heater, or other items any
23 other item in connection with the a water supply system or a water distribution
24 ~~systems which do~~ system that does not require a direct connection to the a waste
25 system or drain piping ~~systems~~ system are limited to making connection to existing

1 installations. There shall be no drilling, tapping or direct connection made to any
2 waste or drain pipe to serve items installed under this section. The maximum length
3 of water piping permitted to be installed under this section shall be the minimum
4 required to connect the item to the system.

5 (END) ✓

D-note

**DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU**

3927 PL
LRB-3582/dn
MGG.....

Lbjk

Date

preliminary

1. This draft is a starting point. The current definition is very difficult to understand and redrafting it is quite challenging. Also, in my attempt to add the new language to the definition of plumbing, I am sure I made some wrong guesses. **In submitting redraft instructions, please just take a pen or pencil and write the changes on a hard copy. Getting changes that have been "processed" by a computer make the redrafting job much more time consuming.**

2. The main reason that this draft is so challenging is that there are many run-on phrases in the definition. Also, the term "plumbing" is used in several different ways in ch. 145. It is used as a noun to describe the actual fixtures and other "mechanicals," as well as the concept of a plumbing system. It is also used as a noun to describe the act of installing, repairing, etc. "plumbing." The current definition encompasses these concepts. The term "plumbing" is also used as an adjective in the phrases such as "plumbing apprentice," "plumbing code," and "plumbing contractor."

In this preliminary draft, I have tried to limit the definition to the noun that describes the fixtures and other mechanicals. I could not think of alternative terms for "plumbing code" or "plumbing contractor" so I left them alone. I could change "plumbing apprentice" to "plumber apprentice" and "plumbing supervisor" to "plumber supervisor" but have decided ^{to} not to do so since I was not making any other changes concerning "plumbing" being used as an adjective.

3. There are only several other instances in the statutes where a definition contains the phrase "means and includes." Under current rules of drafting, these two terms are mutually exclusive. "Means" is used when the definition is exhaustive. "Includes" is used when there may be some other similar items that are not expressed in the definition. I have stricken "and includes." OK?

4. I have used the series "construction, connection, and installation" because those seem to be the activities that are covered by this chapter. However, under current law, s. 145.02 (1) ~~and (2)~~ includes the term "maintenance" and ss. 145.01 (10) (b), 145.04(1), and 145.05 (1) include the term "alteration". Let me know if you want any changes.

5. Please note that there are many different types of systems that will be referred to in the statutes when the bill ~~become~~ law. Each one of these terms should describe a separate type of system and only one system. Please review the following list:

becomes

- * a. Water systems (without any other modifiers). See ss. 145.04 (1) and 145.05 (1) and (2). ✓
- ✓ b. Water supply systems. See ss. 145.01 (3m), 145.01 (10) (a) and (e), and 145.14 (2) (b). ✓
- ✓ c. Water distribution systems. See ss. 145.01 (10) (a) and (e), 145.06 (4) (b), and 145.14 (2) (b). ✓
- ✓ d. Water pressure systems. See s. 145.01 (10) (d). ✓
- ✓ e. Wastewater drainage systems. See s. 145.01 (10) (a). ✓
- * f. Wastewater piping systems. See s. 145.01 (10) (b) and 116. ✓
- ✓ g. Stormwater use systems. See s. 145.01 (10) (a). ✓
- ✓ h. Plumbing systems. See s. 145.01 (10) (e). ✓
- * i. Drainage systems. See s. 145.01 (10) (a) and (e). ✓
- ✓ j. Sewerage systems. See ss. 145.04 (1) and 145.05 (1). ✓
- * k. Waste system. See s. 145.14 (2) (b). ✓
- * l. Drain piping system. See s. 145.14 (2) (b). ✓
- ✓ m. Private sewage systems. Many references. ✓

(without any modifiers)

5. Please look at the following statutes and let me know if you want any changes:

- a. Note that there is a specific cross-reference to the definition of plumbing in s. 101.63 (1) (intro.) and (2). Does this still work? ✓
- b. Review s. 145.05 (2) and how the word "plumbing" is used in the provision. I think changes are needed here. ✓
- ✓ c. Do any changes need to be made to s. 145.06 (4) (b)? ✓
- ✓ d. Should the word "potable" be stricken in s. 145.01 (3m)? ✓

Mary Gibson-Glass
Senior Legislative Attorney
Phone: (608) 267-3215

DRAFTER'S NOTE
FROM THE
LEGISLATIVE REFERENCE BUREAU

LRB-3927/P1dn

MGG:bjk:nwn

January 24, 2008

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2. The main reason that this draft is so challenging is that there are many run-on phrases in the definition. Also, the term "plumbing" is used in several different ways in ch. 145. It is used as a noun to describe the actual fixtures and other "mechanicals," as well as the concept of a plumbing system. It is also used as a noun to describe the act of installing, repairing, etc. "plumbing." The current definition encompasses these concepts. The term "plumbing" is also used as an adjective in the phrases such as "plumbing apprentice," "plumbing code," and "plumbing contractor."

In this preliminary draft, I have tried to limit the definition to the noun that the describes the fixtures and other mechanicals. I could not think of alternative terms for "plumbing code" or "plumbing contractor" so I left them alone. I could change "plumbing apprentice" to "plumber apprentice" and "plumbing supervisor" to "plumber supervisor" but have decided not to do so since I was not making any other changes concerning "plumbing" being used as an adjective.

3. There are only several other instances in the statutes where a definition contains the phrase "means and includes." Under current rules of drafting, these two terms are mutually exclusive. "Means" is used when the definition is exhaustive. "Includes" is used when there may be some other similar items that are not expressed in the definition. I have stricken "and includes." OK?

4. I have used the series "construction, connection, and installation" because those seem to be the activities that are covered by this chapter. However, under current law, s. 145.02 (1) includes the term "maintenance" and ss. 145.01 (10) (b), 145.04(1), and 145.05 (1) include the term "alteration." Let me know if you want any changes.

5. Please note that there are many different types of systems that will be referred to in the statutes when the bill becomes law. Each one of these terms should describe a separate type of system and only one system. Please review the following list:

- a. Water systems (without any modifiers). See ss. 145.04 (1) and 145.05 (1) and (2).
 - b. Water supply systems. See ss. 145.01 (3m), 145.01 (10) (a) and (e), and 145.14 (2) (b).
 - c. Water distribution systems. See ss. 145.01 (10) (a) and (e), 145.06 (4) (b), and 145.14 (2) (b).
 - d. Water pressure systems. See s. 145.01 (10) (d).
 - e. Wastewater drainage systems. See s. 145.01 (10) (a).
 - f. Wastewater piping systems. See s. 145.01 (10) (b).
 - g. Stormwater use systems. See s. 145.01 (10) (a).
 - h. Plumbing systems. See s. 145.01 (10) (e).
 - i. Drainage systems (without any modifiers). See s. 145.01 (10) (a) and (e).
 - j. Sewerage systems. See ss. 145.04 (1) and 145.05 (1).
 - k. Waste systems. See s. 145.14 (2) (b).
 - L. Drain piping systems. See s. 145.14 (2) (b).
 - m. Private sewage systems. Many references.
6. Please look at the following statutes and let me know if you want any changes:
- a. Note that there is a specific cross-reference to the definition of plumbing in s. 101.63 (1) (intro.) and (2). Does this still work?
 - b. Review s. 145.05 (2) and how the word "plumbing" is used in the provision. I think changes are needed here.
 - c. Do any changes need to be made to s. 145.06 (4) (b)?
 - d. Should the word "potable" be stricken in s. 145.01 (3m)?

Mary Gibson-Glass
Senior Legislative Attorney
Phone: (608) 267-3215

Stays

MBL
NOTR

3927/1
1

TODAY

2007 BILL

No changes

Regen

1 **AN ACT** *to renumber* 145.01 (10) (d); *to renumber and amend* 145.01 (10)
 2 (intro.), 145.01 (10) (a), 145.01 (10) (b), 145.01 (10) (c) and 145.01 (10) (e); *to*
 3 **amend** 145.01 (3m) and 145.14 (2) (b); and *to create* 145.01 (10) (br) of the
 4 statutes; **relating to:** the definition of plumbing.

Analysis by the Legislative Reference Bureau

This bill makes changes in the definition of "plumbing," as it is defined for purposes of the statutory provisions relating to plumbing that are administered by the Department of Commerce. The changes include the following:

1. Changing the definition in certain aspects to include systems that treat or process wastewater and stormwater.
2. Eliminating references that limit the scope of the definition to piping that runs from the outside of foundations of a building to water mains and terminals.
3. Eliminating references that limit the scope of the definition to potable water supply systems.
4. Updating references to water softeners to include other types of water treatment devices.

For further information see the *state* fiscal estimate, which will be printed as an appendix to this bill.

The people of the state of Wisconsin, represented in senate and assembly, do enact as follows:

BILL

1 **SECTION 1.** 145.01 (3m) of the statutes is amended to read:

2 145.01 (3m) CROSS-CONNECTION CONTROL DEVICE. “Cross-connection control
3 device” means any mechanical device that automatically prevents backflow from a
4 contaminated source in or into a potable water supply system.

5 **SECTION 2.** 145.01 (10) (intro.) of the statutes is renumbered 145.01 (10) (a)
6 (intro.) and amended to read:

7 145.01 (10) (a) (intro.) “Plumbing” means and includes:

8 **SECTION 3.** 145.01 (10) (a) of the statutes is renumbered 145.01 (10) (a) 1. and
9 amended to read:

10 145.01 (10) (a) 1. All piping, fixtures, appliances, equipment, devices, and
11 appurtenances in connection with the water supply systems, water distribution and
12 systems, wastewater drainage systems, wastewater reclaim systems, and
13 stormwater use systems, including hot water storage tanks, water softeners
14 treatment devices, and water heaters connected with ~~such water and drainage~~ these
15 systems and also includes the installation thereof.

16 **SECTION 4.** 145.01 (10) (b) of the statutes is renumbered 145.01 (10) (a) 2. and
17 amended to read:

18 145.01 (10) (a) 2. The construction, connection ~~or~~, installation, service, or
19 repair of any drain or waste wastewater piping system ~~from the outside or proposed~~
20 ~~outside foundation walls of any building that runs~~ to the mains or other sewage
21 ~~system~~ terminal within the bounds of, or beneath an area subject to easement for
22 highway purposes, including private sewage systems and stormwater treatment and
23 dispersal systems, and the alteration of any such systems, drains or waste
24 wastewater piping.

25 **SECTION 5.** 145.01 (10) (br) of the statutes is created to read:

BILL

1 145.01 (10) (br) “Plumbing” does not include any rainwater gutter or
2 downspout up to the point that it discharges into a plumbing system or any subsoil
3 drain, foundation drain, or process water reuse system that is not connected to any
4 plumbing fixture or to any stormwater culvert that is located on a roadway easement.

5 **SECTION 6.** 145.01 (10) (c) of the statutes is renumbered 145.01 (10) (a) 3. and
6 amended to read:

7 145.01 (10) (a) 3. The construction, connection, installation, service, or repair
8 of water service piping from the outside or proposed outside foundation walls of any
9 building that runs to the main or other water utility service terminal within the
10 bounds of, or beneath an area subject to easement for highway purposes and its
11 connections.

12 **SECTION 7.** 145.01 (10) (d) of the statutes is renumbered 145.10 (a) 4.

13 **SECTION 8.** 145.01 (10) (e) of the statutes is renumbered 145.01 (10) (a) 5. and
14 amended to read:

15 145.01 (10) (a) 5. A plumbing and drainage system so designed and vent piping
16 so installed as to keep the air within the system in free circulation and movement;
17 to prevent with a margin of safety unequal air pressures of such force as might blow,
18 siphon or affect trap seals, or retard the discharge from plumbing fixtures, or permit
19 sewer air to escape into the building; to prohibit cross-connection, contamination or
20 pollution of the potable water supply and distribution systems; and to provide an
21 adequate supply of water to properly serve, cleanse and operate all fixtures,
22 equipment, appurtenances and appliances served by the plumbing system.

23 **SECTION 9.** 145.14 (2) (b) of the statutes is amended to read:

24 145.14 (2) (b) *Appliances, equipment or devices.* Under this paragraph persons
25 installing a water softeners, treatment device, a water heaters heater, or other items

BILL

1 any other item in connection with ~~the~~ a water supply system or a water distribution
2 ~~systems which do~~ system that does not require a direct connection to ~~the~~ a waste
3 ~~system~~ or drain piping ~~systems~~ system are limited to making connection to existing
4 installations. There shall be no drilling, tapping or direct connection made to any
5 waste or drain pipe to serve items installed under this section. The maximum length
6 of water piping permitted to be installed under this section shall be the minimum
7 required to connect the item to the system.

8 (END)

Duerst, Christina

From: Shannon-Bradley, Summer
Sent: Friday, February 29, 2008 11:31 AM
To: LRB.Legal
Subject: Draft Review: LRB 07-3927/1 Topic: Definition of plumbing

Please Jacket LRB 07-3927/1 for the SENATE.