

**CITY OF WAUKEGAN**

**ORDINANCE NO 12-O-12**

**The Title of The  
Ordinance**

**ADOPTING THE ILLINOIS PLUMBING CODE  
AND MAKING CERTAIN AMENDMENTS THERETO,  
AS AND FOR THE PLUMBING CODE OF THE  
CITY OF WAUKEGAN, STATE OF ILLINOIS**

**ADOPTED AND PASSED BY THE CITY COUNCIL**

**OF THE CITY OF WAUKEGAN**

**ON THE 5TH DAY OF MARCH 2012**

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**Published in pamphlet form by authority of the City Council, of the City of Waukegan, Lake  
County, Illinois, on the 8th day of March 2012**

  
CITY CLERK

**AN ORDINANCE ADOPTING THE ILLINOIS PLUMBING CODE AND MAKING CERTAIN AMENDMENTS THERETO, AS AND FOR THE PLUMBING CODE OF THE CITY OF WAUKEGAN, STATE OF ILLINOIS**

BE IT ORDAINED BY THE City Council of the City of Waukegan, as follows:

**SECTION 1:** That the Illinois Plumbing Code, 77 Illinois Administrative Code, Part 890, (2004), is hereby adopted as and for the Plumbing Code of the City of Waukegan, and is further hereby amended as set forth in the following sections of this Ordinance, in accordance with the provisions of 225 ILCS 320/36.

**SECTION 2:** That the following sections of the said Illinois Plumbing Code are hereby amended as follows:

Section 890.230 [Add at end of section]: (c) All water heaters that are not at floor level require a safe pan indirectly connected to a floor drain. All washing machines in all residential buildings (single-, two- and multi-family) above a basement or first-floor level will require a safe pan indirectly connected to a floor drain located in the same room as the washing machine or water heater.

Section 890.330(g) [Add at the end of 1: Pressure piping] (E) All manufacturer's instructions shall be followed when connecting to or piping near heat-producing equipment (i.e., water heaters, etc.), especially with regard to clearances. A copy of manufacturer's instructions shall be on-site for the inspector.

Section 890.510(c) Every commercial establishment or institution that prepares food shall have a minimum of one properly-installed grease interceptor.

Section 890.520(a) [Add at the end of the existing paragraph]: This standard applies to all facilities that produce oil or flammable waste and are required regardless of the age of the building. Upon change of business ownership, this standard will be strictly enforced.

Section 890.910 [Add at the end of the existing section]: (c) All hangers, straps, and supports shall be of manufactured type (soldering copper water lines to pieces of copper tubing are prohibited). Water meters shall be securely supported [see Section 890.1190(b)].

Section 890.1010 (a) Food and Beverage Handling. Commercial dishwashing machines, dishwashing sinks, pot washing sinks, pre-rinse sinks, silverware sinks, bar sinks, soda fountain sinks, vegetable sinks, potato peelers, ice machines, steam tables, steam cookers and other similar fixtures shall have their drain lines indirectly discharged to a proper receptor without exception. All indirect waste shall discharge to a vented trap located as close as possible to the fixture and in the same room.

Section 890.1130(c) [Add at end of sentence] All water services (commercial and residential) shall have a back-flow preventer. RPZ's are required on commercial services, dual check valves are required on residential services. The cost of this work is to be borne by the customer, not the City of Waukegan.

Section 890.1150 (a)(3) The minimum depth for any water service pipe shall be at least five (5') feet or the maximum frost penetration of the local area, whichever is of greater depth.

Section 890.1190 (b) The utility meter shall be installed inside the building, no more than 30 inches above the floor, as close as possible to the outside wall, with minimum exposed piping before water meter. Water meters are not allowed in bathrooms or crawl spaces. No sweat (soldered)

connections are allowed on the front of water meters. The meter shall have unions on the inlet-outlet openings, and is required to have a shut-off valve on the inlet side of the meter. A full-port valve with an open area at least that of the water service shall be provided for all meters. All water meters shall be purchased from the City of Waukegan Water Department, and shall be installed according to the manufacturer's recommendations. Only City of Waukegan Water Department personnel are authorized to key, operate, open or close B-boxes and curb stops. All copper horns (1" and smaller meters) and 1½" and larger meters shall be installed by a licensed plumbing contractor. 3" and larger water meters shall have a by-pass meter. All one-and two-family residences are required to have all fire protection systems installed following the installation of the water meter, so that such fire protection systems are metered as well. If non-metallic water distribution piping is used, a piece of metallic pipe at least two feet (2'-0") long, but whatever length is reasonably necessary, shall be installed on the house side of the water meter and properly and permanently fastened to the structure so that the water meter is supported.

Section 890.1200 (a) Water Service Pipe Sizing. The water service pipe from the street main (including the tap) to the water distribution system for the building shall be sized in accordance with Appendix A, Tables M, N, O, P, and Q. Water service pipe and fittings shall be at least 1" diameter. Plastic water service piping is not allowed. If flushometers or other devices requiring a high rate of water flow are used, the water service pipe shall be designated and installed to provide this additional flow.

Section 890.1210 (a) [Add at the end of the existing paragraph:] All water and drain waste vent piping installed in the City of Waukegan shall also be protected by stud guards if located closer than 1" from the edge of the framing member.

Section 890.1320 (a) [Add at end of existing paragraph]: The continuous supporting system is to be either clean gravel or sand. After inspection, the pipe is to be back-filled with the same material a minimum of one foot (1').

Section 890.1360(a)(1) [Add at end of existing paragraph]: All new construction shall require overhead sewers (areas below grade must be lifted).

Section 890.1370 (a) [Add at end of existing paragraph, before sub-section (1)]: All water heaters six gallon and larger are required to be located in a room with a properly installed floor drain. All public bathrooms, regardless of flooring material, must have a floor drain.

Section 890.1380 [Change title of this section] **Storm Water Drainage**  
[Add at end of existing paragraph]: All storm water shall be conveyed to a storm sewer. The minimum size of a storm sewer shall be 4". If a storm sewer is not available (on the lot line of the subject property), then the storm water discharge pipe shall splash on grade at the building line. The water may be distributed outside the building to a dry well, but shall not distribute to another property or in any way cause a nuisance. Discharge of water across public sidewalks or onto public streets is prohibited.

Section 890.1910 [Add at beginning of paragraph]: A plumbing permit shall be obtained and a letter of intent in accordance with the provisions of 225 ILCS 320/37 shall be submitted by the licensed and registered plumbing contractor to the City to obtain plumbing permits for all plumbing work in the City of Waukegan. Minor repairs are not included in this requirement. All plumbing contractors must be registered with the City of Waukegan prior to obtaining plumbing permits.

#### Section 890.APPENDIX A

##### **TABLE A Approved Building Drainage/Vent Pipe**

Delete sub-section 1, Acrylonitrile Butadiene Styrene (ABS) pipe; and sub-section 11, Polyvinyl Chloride (PVC) pipe with cellular core.

**TABLE A Approved Materials for Water Service Pipe**

Delete sub-section 1, ABS pipe; sub-section 4, Chlorinated Polyvinyl Chloride (CPVC) pipe; sub-section 5, Cross Linked Polyethylene; sub-section 7, galvanized steel pipe; sub-section 8, Poly Butylene (PB) pipe/tubing; sub-section 9, Polyethylene (PE) pipe; sub-section 10, PE tubing; and sub-section 11, PVC pipe.

Agency notes

Note 3: delete "L copper"

**TABLE A APPROVED Materials for Water Distribution Pipe**

Add new Notes 4 and 5 as follows:

Note 4 [to be placed after sub-section 3, Copper/Copper alloy Pipe] All copper to be type L above ground, K below grade.

Note 5 [to be placed after sub-section 4, Copper/Copper Alloy Tubing] Soft tubing not allowed above grade.

**SECTION 3:** All ordinances or parts of ordinances in conflict herewith, including Ordinance 08 – O – 114, the former Plumbing Code of the City of Waukegan, are hereby repealed, to the extent of such conflict.

**SECTION 4:** This ordinance shall be in full force and effect from and after its passage, approval, and publication as provided by law.

  
MAYOR ROBERT G. SABONJIAN

ATTEST:

  
WAYNE MOTLEY, City Clerk

Presented and Read at a regular meeting of the Waukegan City Council on the 5th day of March, 2012.

Passed and Approved at a regular meeting of the Waukegan City Council on the 5th day of March, 2012.

ROLL CALL: Aldermen Koncan, Moisio, Beadling, Newsome, TenPas, May, Valko, Rivera, and Cunningham

AYES: Aldermen Koncan, Moisio, Beadling, Newsome, TenPas, May, Valko;

NAYS: Rivera, and Cunningham

ABSENT: None

ABSTAIN: None