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February 6, 2019

Patrick Heneghan  
Village of Plainfield

RE: IDPH Review of Plumbing Ordinance with Local Amendments – Village of Plainfield

Dear Mr. Heneghan,

The Illinois Department of Public Health (“IDPH” or the “Department”) has received a certified copy of the Village of Plainfield’s (the “Village”) plumbing ordinance adopted on January 1, 2016, attached and referenced here. Pursuant to Sections 36 and 38 of the Illinois Plumbing License Law (the “Law”; 225 ILCS 320) and Section 750.800(b) of the Illinois Plumbing Licensing Code (the “Code”; 68 Ill. Adm. Code 750), units of local government should seek advisement for the adoption of a local plumbing ordinance.

As authorized by the Law and Code, the Department hereby approves the Village of Plainfield’s adoption of the amendments relative to the following section(s) the Illinois Plumbing Code (“ILPC”; 77 Ill. Adm. Code 890):

- Section 890.1010 Indirect Waste Piping
- Section 890.1360 Sanitary Wastes below Sewer
- Section 890.1380 Storm Water Drainage within a Building
- Section 890.170 Sewer and/or Water Required
- Section 890. Appendix A Plumbing Materials, Equipment, Use Restrictions and Applicable Standards

The amendments shall be approved until five years after the date of the issuance of this letter or until the promulgation of subsequent revisions of the amended sections of the ILPC by the Department. The Department neither approves nor disapproves of administrative language added by the Village in these sections.

If you have any further questions concerning the Village’s adoption of amendments to the Illinois Plumbing Code, please contact the Plumbing and Water Quality Program at (217) 524-0791 or at [dph.plumbing@illinois.gov](mailto:dph.plumbing@illinois.gov).

Sincerely,

Brian W. Cox, P.E.  
Manager, Plumbing and Water Quality Program  
Illinois Department of Public Health

# Village of Plainfield Proposed Ordinance Language

## ARTICLE III. - PLUMBING CODE

### Sec. 2.5-41. - Code adopted.

There is hereby adopted by reference as if fully set out herein that certain code known as the Illinois Plumbing Code (77 Illinois Administration Code 890) published by the Illinois Department of Health, together with the additions, insertions, deletions and changes hereinafter set forth, three (3) copies of which have been on file for a period of more than thirty (30) days prior to the adoption of this code and now are on file in the office of the village clerk.

The design and installation of plumbing systems, including sanitary and storm drainage, sanitary facilities, water supplies and storm water and sewage disposal in buildings shall comply with the requirements of this article and accepted engineering practices as defined in the Illinois Plumbing Code, edition.

### Sec. 2.5-42. - Amendments.

The following additions, insertions, deletions and changes are hereby made to the Illinois Plumbing Code:

1. All new water services or replacements shall be a minimum of 1 inch type K copper with flair joints from Buffalo Boxes to flare full port shut off valves. Water service pipe greater than three (3) inches in diameter shall be ductile iron water main and fittings and shall be buried to a depth of not less than five (5) feet below grade from the "B" box to the riser for water meter attachment. Water distribution piping inside buildings shall be type "K" (soft) copper when underground, and Type "L" (hard drawn) copper when above ground with sweat fittings. No type "M" copper shall be allowed for potable water piping. Valves are required on each side of the water meter. A full port gate or ball valve shall be used. A drain down valve shall also be installed after the water meter and before the second shut off valve.
2. Storm water drainage systems. The drainage system conveying storm water from roofs, paved areas and courts and subsoil from or adjacent to buildings, shall be connected to the storm sewer, if available, or other approved disposal device in accordance with the village water department requirements, whichever regulations are applicable. Storm water from roofs of private dwellings or accessory structures with or without gutters or downspouts may be spilled or discharged on the ground, provided structural, public health or other nuisance hazards are not created thereby. Subsoil drains on the same lot shall be connected to the storm sewer drainage system of the building within the lot lines.
3. Overhead sewers. All structures with any floor including basement floors below grade at foundation are required to have an overhead sewer. The sanitary sewer lateral (extending from the sewer main into the lower level of the building) shall be placed through the foundation wall a minimum of forty-two (42) inches above the basement floor in structures with full depth (eight (8) feet or greater) basements. In structures with lower levels which are partially below grade but not a full depth basement (less than eight (8) feet), the sanitary sewer lateral shall be placed through the foundation above the footing at a height approved by the village plumbing inspector. All plumbing fixtures below grade shall drain to an ejector pit with pump. This pit shall have a tight seal cover. A pump with an outlet of no less than two (2) inches shall be required for pumps serving toilets, lavatories, bathtubs, showers, kitchens and other uses as

determined by the plumbing inspector. The ejector pit shall be sized in accordance with the number of units draining into the ejector pit.

4. Sewer and water services and lines for town-homes and single family homes must be separate and are not allowed to pass through or under an another property.
5. All grease interceptors for restaurants, where applicable, shall be installed outside and made of non-porous materials.
6. Pursuant to 17 Ill. Adm. Code 3730.307 (c) 4) and subject to the Illinois Plumbing Code (77 Ill. Adm. Code 890) and the Lawn Irrigation Contractor and Lawn Sprinkler System Registration Code (77 Ill. Adm. Code 892), be it hereby ordained that in the Village of Plainfield all new plumbing fixtures and irrigation controllers installed after the effective date of this ordinance shall bear the WaterSense label (as designated by the U.S. Environmental Protection Agency WaterSense Program), when such labeled fixtures are available.”