

COMMUNITY AFFAIRS

DIVISION OF CODES AND STANDARDS

Uniform Construction Code

Plumbing Subcode

Proposed Amendment: N.J.A.C. 5:23-3.15

Authorized By: Richard E. Constable, III, Commissioner, Department of Community Affairs.

Authority: N.J.S.A. 52:27D-124.

Calendar Reference: See Summary below for explanation of exception to calendar requirement.

Proposal Number: PRN 2015-102.

Submit written comments by October 16, 2015, to:

Gabrielle N. Gallagher

Department of Community Affairs

PO Box 800

Trenton, New Jersey 08625

Fax No. (609) 984-6696

gabrielle.gallagher@dca.nj.gov

The agency proposal follows:

Summary

Under the State Uniform Construction Code (UCC) Act, the Commissioner of the Department of Community Affairs is charged with adopting model codes as part of the Uniform Construction Code (UCC). P.L. 1996, c. 53 amended the UCC Act to give the Commissioner “the authority to limit the adoption of later versions of the model codes to include only those

standards in effect on July 1, 1995, and any later versions or amendments of model codes which would not be inconsistent with the purpose of the Act.” In September 2010, the Department adopted revisions to the 2009 edition of the National Standard Plumbing Code (NSPC) of the UCC.

In order to implement the most recent published standards, the Department proposes to adopt the 2015 edition of the National Standard Plumbing Code to update the above referenced subcode of the UCC. These proposed amendments reflect the modifications to the NSPC/2015 that the Department is proposing to adopt and that have been reviewed by the Uniform Construction Code Advisory Board and its subcode committees.

A section-by-section summary follows:

1. At N.J.A.C. 5:23-3.15(a), the National Standard Plumbing Code (NSPC)/2015 would be proposed for adoption as the plumbing subcode; all references to NSPC/2009 would be changed to NSPC/2015. Additionally, the address for the Plumbing, Heating – Cooling Contractors – National Association would be updated.

2. At N.J.A.C. 5:23-3.15(a)2i, the proposed amendment would make it clear that the published illustrations and comments are supplemental information and are not part of the adopted subcode.

3. The existing amendment at N.J.A.C. 5:23-3.15(b)2iv would be deleted. The term “building” is no longer defined in the NSPC/2015.

4. At proposed N.J.A.C. 5:23-3.15(b)2iv, an amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

5. The existing amendments at N.J.A.C. 5:23-3.15(b)2vi and vii would be deleted. The terms “code” and “family” are no longer defined in the NSPC/2015.

6. At proposed N.J.A.C. 5:23-3.15(b)2v, an amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

7. The existing amendment at N.J.A.C. 5:23-3.15(b)2ix would be deleted. The term “Dead end- Potable Water” is no longer defined in the NSPC/2015.

8. The existing amendment at N.J.A.C. 5:23-3.15(b)2x would be relocated to N.J.A.C. 5:23-3.15(b)2vii, to be consistent with the location of the term “tempered water” in the NSPC/2015.

9. The existing amendment at N.J.A.C. 5:23-3.15(b)2xii would be deleted. In prior editions of the NSPC, there were specific requirements for public swimming pools. The requirements have been deleted, therefore, there is no longer a reason to define “Swimming pool, Public”.

10. At N.J.A.C. 5:23-3.15(b)3i, ii, iv, vi, and vii, the titles of the code sections would be added or amended for clarity. Additionally, at subparagraph (b)3ii, text would be deleted as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

11. At N.J.A.C. 5:23-3.15(b)3v, the cross-referenced code section would be updated. The requirements would remain the same.

12. The existing amendment at N.J.A.C. 5:23-3.15(b)3ix would be deleted. The requirements for dead ends are no longer contained within the NSPC/2015.

13. At proposed new N.J.A.C. 5:23-3.15(b)3x(1), the prohibition on piping in an elevator machine room would be deleted. These requirements are contained in and enforced through the elevator subcode.

14. At proposed new N.J.A.C. 5:23-3.15(b)3x(2) and xi(4), the amendment would provide for consistent terminology between the plumbing subcode and the elevator subcode.

15. At proposed new N.J.A.C. 5:23-3.15(b)3xi(1), because the plumbing subcode prohibits the discharge from the elevator pit drains from being connected to the storm drainage system and the building subcode prohibits the discharge from the elevator pit drains from being connected to the sanitary sewer, the text “Where the drainage discharge is outdoors ...” would be deleted. This is not a technical change to the code requirements.

16. At proposed new N.J.A.C. 5:23-3.15(b)3xi(2), because the discharge of the elevator sump pit to the sanitary or storm drain is prohibited, this section would be deleted to eliminate confusion. This is not a technical change to the code requirements.

17. At proposed new N.J.A.C. 5:23-3.15(b)3xi(3), the amendment would provide for consistency with the elevator subcode and building subcode.

18. At N.J.A.C. 5:23-3.15(b)4i and ii, the titles of the code sections would be added for clarity.

19. The existing amendment at N.J.A.C. 5:23-3.15(b)4iv would be relocated to N.J.A.C. 5:23-3.15(b)16i as a result of an editorial amendment to the NSPC/2015. The requirements would remain the same.

20. At proposed N.J.A.C. 5:23-3.15(b)4iv, the amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

21. The existing amendment at N.J.A.C. 5:23-3.15(b)4vi would be deleted. The text of the amendment is now contained in Section 3.3.8.b of the NSPC/2015.

22. At proposed N.J.A.C. 5:23-3.15(b)4v, an amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

23. At proposed N.J.A.C. 5:23-3.15(b)4vi, the cross-referenced code section would be updated. The requirements would remain the same.

24. The existing amendment at N.J.A.C. 5:23-3.15(b)5 would be deleted. The current amendment authorizes the plumbing subcode official to utilize a cross-referenced provision of the Uniform Construction Code (UCC) to make a determination of equivalency. The plumbing subcode official is already authorized to make this determination by the UCC; therefore, this amendment is unnecessary.

25. At proposed new N.J.A.C. 5:23-3.15(b)5iii, the amendment would delete the reference “in accordance with the requirements of the Authority Having Jurisdiction” for the location of the cleanout for the building sewer at the property line. The requirements are contained in the plumbing subcode and the reference to the Authority Having Jurisdiction (AHJ) is unnecessary.

26. At proposed new N.J.A.C. 5:23-3.15(b)5iv, the amendment would delete the requirement that manholes comply with standards of the Authority Having Jurisdiction. The construction of manholes is not regulated by the Uniform Construction Code.

27. At proposed new N.J.A.C. 5:23-3.15(b)6ii, the amendment would delete the reference “by the Authority Having Jurisdiction” for liquid waste treatment devices. The requirements are contained in the plumbing subcode and the reference to the AHJ is unnecessary.

28. At proposed N.J.A.C. 5:23-3.15(b)6iii, the title of the amended code section would be added for clarity.

29. At proposed N.J.A.C. 5:23-3.15(b)7i, the title of the amended code section would be added for clarity. In addition, because Chapter 11, Accessibility, of the IBC/2015 is proposed for adoption, the cross reference to the barrier free subcode would be deleted and a cross reference to the building subcode inserted in its place.

30. The existing amendment at N.J.A.C. 5:23-3.15(b)8ii would be deleted. The deleted text is no longer contained in the NPSC/2015. The requirements will remain the same.

31. At proposed N.J.A.C. 5:23-3.15(b)7ii, the title of the amended code section would be added for clarity. Additionally, the cross reference to Uniform Construction Code requiring special installations be submitted to the Authority Having Jurisdiction would be deleted. All plumbing work requiring a construction permit must be submitted to the plumbing subcode official; therefore, this text is redundant.

32. At proposed new N.J.A.C. 5:23-3.15(b)7iii, the amendment would correct the occupancy classification of one- and two- family dwellings to provide for consistency with the building subcode.

33. At proposed N.J.A.C. 5:23-3.15(b)7iv, the title of the amended code section would be added for clarity. Additionally, the provision allowing the plumbing subcode official to require additional plumbing fixtures where environmental or special activities exist would be deleted. The purpose and intent of the Uniform Construction Code is to provide consistent requirements Statewide. This text would authorize the local plumbing subcode to establish requirements locally and is therefore proposed to be deleted.

34. The existing amendment at N.J.A.C. 5:23-3.15(b)8v would be deleted. The deleted text is no longer contained in the NPSC/2015. The requirements will remain the same.

35. At proposed new N.J.A.C. 5:23-3.15(b)7v, the terminology would be amended to be consistent with the Uniform Construction Code.

36. The existing amendment at N.J.A.C. 5:23-3.15(b)10i would be deleted. The deleted text is no longer contained in the NPSC/2015. The requirements will remain the same.

37. At proposed N.J.A.C. 5:23-3.15(b)9i and ii, the title of the amended code section would be added for clarity. Additionally, subparagraph (b)9ii would be amended to make clear the intent of the amendment.

38. At proposed N.J.A.C. 5:23-3.15(b)9iii, the amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

39. At proposed N.J.A.C. 5:23-3.15(b)9iv, the title of the amended code section would be added for clarity. Additionally, the provisions requiring that the certified individual responsible for the testing of backflow prevention assemblies be approved by the Authority Having Jurisdiction would be deleted. The individuals responsible for the testing of backflow prevention assemblies are certified by the Department of Environmental Protection, not the plumbing subcode official.

40. At proposed N.J.A.C. 5:23-3.15(b)9v and vi, the titles of the amended code sections would be added for clarity. Additionally, at subparagraph (b)9vi, the arbitrary standard “in accordance with good practice” would be deleted as would the reference to the “Authority Having Jurisdiction,” which had previously been added. There is a standard established for the calculation of supply demand.

41. At proposed N.J.A.C. 5:23-3.15(b)9vii, the location of the amendment would be clarified.

42. At proposed N.J.A.C. 5:23-3.15(b)9viii, an amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

43. The existing amendment at N.J.A.C. 5:23-3.15(b)11i, would be deleted. The current amendment authorizes the plumbing subcode to utilize a cross-referenced provision of the Uniform Construction Code (UCC) to make a determination of diversity factors. The plumbing

subcode is already authorized to make this determination by UCC, therefore, this amendment is unnecessary.

44. At proposed N.J.A.C. 5:23-3.15(b)10i and ii, the titles of the amended code sections would be added for clarity.

45. At proposed N.J.A.C. 5:23-3.15(b)11i, the location and intent of the amendment would be clarified. The requirements would remain the same.

46. At proposed N.J.A.C. 5:23-3.15(b)13 and 14, the amendments would be reformatted to make clear that all of the text of the chapters is deleted and the amended sections inserted. The requirements would remain the same.

47. At proposed N.J.A.C. 5:23-3.15(b)15, the amendment would be made as a result of an editorial change in the NSPC/2015. The requirements would remain the same.

48. At proposed N.J.A.C. 5:23-3.15(b)15i, the location of the amendment would be clarified. The requirements would remain the same.

49. At proposed N.J.A.C. 5:23-3.15(b)15iv, the title of the amended code section would be added for clarity. Additionally, the location of the amendment would be clarified. The requirements would remain the same.

50. The existing amendment at N.J.A.C. 5:23-3.15(b)17v would be deleted. Requiring backflow prevention to be submitted to the Authority Having Jurisdiction would be deleted. All plumbing work requiring a construction permit must be submitted to the plumbing subcode official; therefore, this text is redundant.

51. At proposed N.J.A.C. 5:23-3.15(b)15v, vi, vii, viii, and ix, the titles of the amended code sections would be added for clarity.

52. At proposed new N.J.A.C. 5:23-3.15(b)19, the Green Plumbing and Mechanical Code Supplement would be deleted because it references the International Association of Plumbing and Mechanical Officials (IAPMO) Green Building requirements, which are neither proposed nor adopted for use in New Jersey.

As the Department has provided a 60-day comment period on this notice of proposal, this notice is excepted from the rulemaking calendar requirement pursuant to N.J.A.C. 1:30-3.3(a)5.

Social Impact

The amendments are proposed to adopt the most recent editions of the National Standard Plumbing Code which would have a positive social impact. This rulemaking promotes the stated purposes and intent of the Uniform Construction Code Act by providing for the use of the latest construction methods, techniques, and materials a single, clear, and up-to-date set of technical standards. The proposed adoption of the latest edition of the national model code enhances the protection of the health and safety of building occupants by providing for the most recent advances in building methods and technologies to be incorporated into new construction in the State.

Economic Impact

The Department anticipates that the proposed amendments would have a positive economic impact because clear and current technical standards promote cost effective construction. Because the requirements of the standards proposed for adoption by reference apply to new construction, in the absence of any dramatic change to the model codes, the incremental cost of compliance is not significant as compared to the overall cost of construction.

Federal Standards Statement

No Federal standards analysis is required for the proposed amendments because the amendments are not being proposed in order to implement, comply with, or participate in any program established under Federal law or under a State law that incorporates or refers to Federal law, standards, or requirements.

Jobs Impact

The proposed amendments to adopt the latest edition of the National Standard Plumbing Code are not expected to have an impact on the creation or loss of jobs.

Agriculture Industry Impact

The Department does not anticipate that the proposed amendments will impact the agriculture industry.

Regulatory Flexibility Analysis

The proposed amendments impose technical compliance requirements on builders, some of which are “small businesses” as defined under the Regulatory Flexibility Act, N.J.S.A. 52:14B-16 et seq. The proposed amendments establish code requirements that provide technical standards for construction. Builders would be required to comply with the requirements of the adopted subcodes of the Uniform Construction Code as would any other entity performing construction in the State. Because the proposed amendments establish health and safety requirements, there is no basis for differential treatment of small businesses. The adoption of the most recent editions of the national model codes is not expected to introduce any new recordkeeping or reporting requirements on small businesses nor is it expected to cause small businesses to need to employ professional services not already required in order to comply with the UCC.

Housing Affordability Impact Analysis

The proposed amendments to adopt the most recent edition of National Standard Plumbing Code are not expected to have an impact on housing affordability. There are no changes to the requirements which would impose additional housing construction costs.

Smart Growth Development Impact Analysis

The proposed amendments update the plumbing subcode of the Uniform Construction Code. Because the proposed amendments do not impact zoning or what may be built in a given location, it is not anticipated that the proposed amendments will have any impact upon housing production within Planning Areas 1 and 2 or within designated centers under the State Development and Redevelopment Plan.

Full text of the proposal follows (additions indicated in boldface **thus**; deletions indicated in brackets [thus]):

5:23-3.15 Plumbing subcode

(a) Rules concerning **the plumbing** subcode adopted are as follows:

1. Pursuant to authority of P.L. 1975, c. 217, as modified by P.L. 1996, c. 53, the Commissioner hereby adopts the Model Code of the Plumbing Heating-Cooling Contractors--

National Association, known as "The National Standard Plumbing Code/[2009]2015," as the plumbing subcode for New Jersey.

i. Copies of this code may be obtained from the sponsor at: PHCC-NA, [P.O. Box 6808] **180 S. Washington St., Suite 100**, Falls Church, VA 22046.

2. "The National Standard Plumbing Code/[2009]2015," including appendices, may be known and cited as "the plumbing subcode."

i. Illustrations and comments contained in this code are presented in bold italics or denoted with a border and are supplemental information and not part of this subcode.

(b) The following pages, chapters, sections, or appendices of the plumbing subcode shall be amended as follows:

1. (No change.)

2. Chapter 1 of the plumbing subcode, entitled "Definitions," shall be amended as follows:

i. – iii. (No change.)

[iv. The definition of the term "building" is deleted, and substitute in lieu thereof, the definition of the term "building" found in N.J.A.C. 5:23-1.4.]

[v.] **iv.** In the definition of "Building Classification" delete ["authority having jurisdiction"] **“code”** and insert "[building] subcode["] at N.J.A.C. 5:23-3.14.”

[vi. The term and definition of "code" are deleted.

vii. The term and definition of "family" are deleted.]

[viii. The] **v. In the** definition of "hot water" [shall be deleted and] the following [definition] shall be inserted **after the first sentence:** "Hot Water[:] is [Potable] **potable** water at a temperature of not less than 120 degrees F and not more than 140 degrees F."

[ix. The definition of "Dead End, Potable Water" shall be deleted in its entirety.

x. The definition of "tempered water" shall be amended as follows: before "temperature," delete "desired" and after "temperature," delete "for its intended use, typically" and insert "of."]

[xi.] **vi.** (No change in text.)

[xii. Add the following new definition after the definition of Swimming Pool:
Swimming Pool, Public: A swimming pool located on any property other than a one or two family residential property and including, but not limited to, swimming pools open to the use of members, residents or the public.]

vii. In the definition of tempered water, "desired" shall be deleted. Additionally, "for its intended use, typically" shall be deleted and "of" shall be inserted.

3. Chapter 2 of the plumbing subcode, entitled "General Regulations," shall be amended as follows:

i. Section 2.5, **Health and Safety**, is deleted in its entirety.

ii. In Section 2.9.3, **From Weakened Structure**, delete "Building Code [or as required by the proper Authority Having Jurisdiction]" and insert "building subcode."

iii. (No change.)

iv. In Section 2.12, Sleeves **for Piping**, subparagraph e, "regulations" shall be deleted and "subcode" shall be inserted.

v. In Section 2.16, Freezing or overheating, at item 1, "42" shall be inserted in the blank space provided. Additionally, the following shall be inserted: "Combination domestic/fire water service piping shall be installed such that the minimum earth cover is 42 inches or the top of the pipe is 12 inches below the frost depth of the locality, whichever is greater. Limited-area sprinkler systems installed in accordance with Section [903.3.5.1.1] **903.3.8** of the building subcode, shall be installed such that the minimum earth cover is 42 inches." In the same section, at Item 2, "24" shall be inserted in the blank space provided. In addition, in the third line of Item 2, "6" shall be inserted in the blank space provided.

vi. Section 2.19.1, **Availability of Public Water and Sewer**, is amended to delete the blank and the words "feet of any property line of the premises, or other."

vii. Section 2.19.2, **Private Systems**, is amended to delete the words "the Health Department or other agency having jurisdiction" and substitute in lieu thereof "The New Jersey Department of Environmental Protection."

viii. (No change.)

[ix. In Section 2.23, Dead Ends, subsection b shall be deleted.]

[x.] **ix.** (No change in text.)

x. Section 2.26.1, General, shall be amended as follows:

(1) **Subsection b shall be deleted.**

(2) **In subsection d, “Phase II firefighter override” shall be deleted and “firefighter emergency operation” shall be inserted.**

xi. **Section 2.26.2, Where Elevator Pit Drainage is Provided, shall be amended as follows:**

(1) **In subsection b, “Where the drainage discharge is outdoors,” shall be deleted and “the” shall be capitalized.**

(2) **Subsection c shall be deleted.**

(3) **In subsection d, “hydraulic” shall be deleted. Additionally, “or there shall be oil separation for pump operation” shall be deleted.**

(4) **In subsection g, “Phase II firefighter override” shall be deleted and “firefighter emergency operation” shall be inserted. Additionally, the last sentence shall be deleted.**

4. Chapter 3 of the plumbing subcode, entitled "Materials," shall be amended as follows:

i. In Section 3.1.1, **Minimum Standards**, delete "Minimum[.]" **in the title.** In the same section at items (1) and (2), delete "Section 3.12.2" and insert "N.J.A.C. 5:23-3.7."

ii. In Section 3.1.2, **General Requirements**, at Item a, delete "at least." In the same section, delete "Section 3.12" and insert "N.J.A.C. 5:23-3.7."

iii. (No change.)

[iv. In Section 3.1.3, Standards Applicable to Plumbing Materials, in the "Note," the following shall be inserted: APSP-The Association of Pool and Spa Professionals, 2110 Eisenhower Avenue, Alexandria, VA 22314, tel: 703-838-0083, fax: 703-549-0493.]

[v.] **iv.** In Table 3.1.3, [Standards for] Approved [Plumbing] Materials [and equipment], Part XI, [Practices and Standards for Qualifications, Installation and Testing] **Installation Procedures and Practices**, insert: "[20.] **11.** Entrapment Avoidance for Swimming Pools, Spas and Hot Tubs: APSP-7 – [2006] **2013.**"

[vi. Section 3.3.8a is amended to add the following phase: "Pressure vessels shall be designed and constructed in accordance with the requirements of the American Society of Mechanical Engineers (ASME, Rules for Construction of Pressure Vessels, Section VIII/2004. Any pressure vessel that exceeds any of the following, shall meet the requirements of ASME and shall be stamped ASME: A heat input rating of 200,000 BTU per hour; or a water temperature of 200 degrees Fahrenheit; or a nominal water capacity of 120 gallons or any other thresholds of ASME that apply.)]

[vii.] **v.** Section 3.3.11 entitled "[Septic] Tanks" is deleted in its entirety.

[viii.] **vi.** Add new section 3.4.2.1 as follows: 3.4.2.1 Combination Domestic/Fire Water Service: Water service piping for combination domestic/fire water services shall be of materials listed in Table 3.4 and shall be water pressure rated not less than 200 psig at 73°F. Joint restraints shall comply with Section 6.3, entitled "Joint Restraint for Fire Mains" per NFPA 13.

Exception: Limited area sprinkler systems installed in accordance with Section [903.3.5.1.1] **903.3.8** of the building subcode, shall be water pressure rated not less than 160 psig at 73°F.

[ix.] **vii.** (No change in text.)

[5. Chapter 4 of the plumbing subcode entitled, "Joints and Connections" is amended as follows:

i. In Section 4.3.8(b)(3), delete "be approved by the Authority Having Jurisdiction if such products are not listed or labeled" and insert "or as permitted under N.J.A.C. 5:23-3.7."]

[6.] **5.** Chapter 5 of the plumbing subcode entitled, "Traps, Cleanouts and Backwater Valves," shall be amended as follows:

i. – ii. (No change.)

iii. In Section 5.4.6, Building Drain and Building Sewer Junctions and the Property Line, in subsection b, “in accordance with the requirements of the Authority Having Jurisdiction” shall be deleted.

iv. In Section 5.4.10, Manholes for Large Pipes, subsection d shall be deleted.

[7.] **6.** Chapter 6 of the plumbing subcode, entitled "Liquid Waste Treatment Equipment," shall be amended as follows:

i. (No change.)

ii. In Section 6.1.4.1, General, “by the Authority Having Jurisdiction” shall be deleted.

[ii.] **iii.** Section 6.4.4, **Alternate Design**, is amended to add the phrase "in accordance with N.J.A.C. 5:23-3.3" after the word "approval" on line 2.

[8.] **7.** Chapter 7 of the plumbing subcode, entitled "Plumbing Fixtures, Fixture Fittings and Plumbing Appliances," shall be amended as follows:

i. Section 7.2, **Fixtures For Accessible Use**, [is amended to read] **shall be deleted and the following shall be inserted:** "Plumbing fixtures for accessible use and their installation shall conform to the requirements of [N.J.A.C. 5:23-7 et seq] **Chapter 11 of the building subcode (N.J.A.C. 5:23-3.14).**"

[ii. In Section 7.4.4, Bowl height, Exception (2) and Exception (3) shall be deleted and the following text shall be inserted: "Accessible water closets shall conform to the requirements of N.J.A.C. 5:23-7 et seq.]

[iii. At the end of] **ii. In Section 7.18.2, Approval**, [after] "**to the Authority Having Jurisdiction**" [insert "in accordance with N.J.A.C. 5:23-3.3."] **shall be deleted.**

iii. In Table 7.21.1, in the second column entitled "Occupancy Group," "R-2: One- and two-family dwellings" shall be deleted and "R-3/R-5: One- and two-family dwellings" shall be inserted.

iv. **In Note 1 to Table 7.21.1, Minimum Number of Required Plumbing Fixtures**, [is amended to] delete the [words "For accessible requirements, see local, state, or national codes." in the] second **and third** sentences.

[v. Figure 7.3.2 is amended to delete the word "Code" and substitute in lieu thereof "Subcode" in the block at bottom.]

v. In Section 7.21.9, Family and Assisted-Use Toilet Rooms, "**applicable building code**" shall be deleted and "**building subcode**" shall inserted.

vi. (No change.)

[9.] **8.** (No change in text.)

[10.] **9.** Chapter 10 of the plumbing subcode, entitled "Water Supply and Distribution," shall be amended as follows:

[i. In Section 10.2 after "Authority Having Jurisdiction" insert "in accordance with N.J.A.C. 5:23-3.3".]

[ii.] **i.** In Section 10.4.2, **Interconnection**, delete "with the approval of the Authority Having Jurisdiction" and insert "in accordance with the rules of the New Jersey Department of Environmental Protection at N.J.A.C. 7:10-10."[:]

[iii.] **ii.** In Section 10.4.3, **Cross Connection Control**, [is amended to read:] **the text shall be deleted and the following shall be inserted** "Potable water supplies shall be protected in accordance with the provisions of this code and where applicable the Safe Drinking Water Regulations (N.J.A.C. 7:10). The requirements of this code shall establish requirements for individual outlet protection. The requirements of the Safe Drinking Water Act shall establish the requirements for containment."[:]

[iv.] **iii.** In Section 10.4.4**b**, Private supplies, [at Note b,] "in accordance with N.J.A.C. 7:10-10.2(e)" shall be inserted after "Authority Having Jurisdiction."

[v.] **iv.** In Section 10.5.6[d.]**e**, **Testing and Maintenance of Backflow Prevention Assemblies**, [is amended to delete the words] "and repair" [on the first line, and to delete the third sentence] **shall be deleted. Additionally, in the same sentence, "approved by an agency acceptable to the Authority Having Jurisdiction" shall be deleted.**

[vi.] v. Section 10.5.9a, **Protection from Fire Systems**, Exception (4) shall be deleted and the following inserted: "(4) Where fire protection systems supplied from a potable water system include a fire department (Siamese) connection which is located less than 1,700 feet from a non-potable water source, the water supply shall be protected by one of the following:

(i) Reduced pressure backflow preventer assembly; or

(ii) Reduced pressure detector assembly."

[vii.] vi. In Section 10.8.1, **Water Pressure Booster Systems Required**, [insert "as required by the Authority Having Jurisdiction" after] "**and** in accordance with good practice" **in the third and fourth lines shall be deleted.**

[viii.] vii. In Section 10.15.1, Hot water supply system, [shall be amended to add the phrase] "Outlet temperature of hot water from lavatory faucets in public use facility restrooms or public toilet rooms shall be provided with a means to limit the maximum temperature to 110 degrees F." **shall be inserted after the first sentence.**

[ix. Insert] viii. **Section 10.20, NFPA 13D Multipurpose Residential Fire Sprinkler Systems, shall be deleted and** new section 10.20, [Multi-purpose] **Dwelling unit** fire sprinkler systems, **shall be inserted**, as follows: Section P2904, [Multi-purpose] **Dwelling unit** fire sprinkler systems, of the [2009 International Residential Code] **one- and two-family dwelling subcode** shall be considered part of the plumbing subcode.

[11. Chapter 11 of the plumbing subcode, entitled "Sanitary Drainage Systems," is amended as follows:

i. Section 11.4.3 is amended at the end to add the sentence "Diversity factors shall be established in accordance with N.J.A.C. 5:23-3.3."]

[12.] **10.** Chapter 12 of the plumbing subcode, entitled "Vents and Venting," shall be amended as follows:

i. Section 12.5, **Frost Closure**, is deleted in its entirety.

ii. Section 12.8.2, **Provision for Venting Future Fixtures**, is deleted in its entirety.

[13.] **11.** Chapter 13 of the plumbing subcode, entitled "Storm Water Drainage," shall be amended as follows:

i. In Section 13.1.5, Foundation drains, Notes a. through d. shall be **deleted and the following shall be inserted:** [amended to read] "**a.** [subsoil] **Foundation** drains shall be provided in accordance with the building subcode."

ii.-iii. (No change.)

[14.] **12.** (No change in text.)

[15.] **13.** Chapter 16 of the plumbing subcode, entitled "Regulations Governing Individual Sewage Disposal Systems for Homes and Other Establishments Where Public Sewer Systems Are Not Available," [shall be amended as follows:

i. Except as otherwise indicated in (b)15ii below, Sections 16.1 through 16.12.1.13] shall be deleted [in their entirety.] **and the following shall be inserted:**

i. **“16.1 General. On-site sewage disposal systems are under the jurisdiction of the Department of Environmental Protection and the county or local boards of health, as applicable.”**

ii. [In Section 16.1.7, Abandoned disposal systems, insert] **“16.2 Abandoned disposal systems.** When an existing building is being demolished and the existing sewage disposal system is abandoned or an existing sewage disposal system is being abandoned and a connection is being made to the public sewer disposal system or new sewage disposal system, the plumbing subcode official shall ensure that the existing abandoned tank is disconnected from the building, pumped out, and filled with gravel, stones, or soil material.”

[Note: Existing standards of the Department of Environmental Protection and boards of health with respect to individual on-site sewage disposal systems remain in effect.]

[16.] **14.** Chapter 17 of the plumbing subcode entitled, "Potable Water Supply Systems," shall be deleted [in their entirety.] **and the following shall be inserted:**

[Note: Existing standards of the Department of Environmental Protection and boards of health with respect to individual on-site water supply systems remain in effect.]

i. **“17.1 General. On-site water supply systems are under the jurisdiction of the Department of Environmental Protection and county or local boards of health, as applicable.”**

[17.] **15.** Chapter 18 of the plumbing subcode, entitled "Mobile Home and Travel Trailer Park Plumbing [Standards] **Requirements,**" shall be amended as follows:

i. In Section 18.2.1, General, the last sentence [beginning with "Trailer home park"] shall be deleted.

ii. – iii. (No change.)

iv. Section 18.2.2, **Plans and Specifications**, is amended to delete the words "or sewerage disposal **facilities**" [on line 1] **in the first sentence**.

[v. Section 18.5.8, is amended to add the phrase "and as provided by the authority having jurisdiction" after the words "chapter 10 of this code."]

[vi.] v. Section 18.8.1.2, **Independent Trailer**, is deleted.

[vii.] vi. Section 18.8.3, **Showers**, is amended to add the phrase "for dependent trailers" after the word "park" on line 1.

[viii.] vii. Section 18.8.4, **Laundry Facilities**, is amended to add the phrase "for dependent trailers" after the word "park" on line 1.

[ix.] viii. Section 18.9, **Maintenance**, is deleted.

[x.] ix. Section 18.10, **Operator's Responsibility - Violations**, is deleted.

16. Chapter 19 of the plumbing subcode, entitled Referenced Standards, shall be amended as follows:

i. In Section 19.2 Standards Organizations, insert the following: "APSP--The Association of Pool and Spa Professionals, 2110 Eisenhower Avenue, Alexandria, VA 22314, tel: 703-838-0083, fax: 703-549-0493."

[18.] **17.** Appendix A **of the plumbing subcode**, entitled "Sizing Storm Drainage Systems," shall be deleted in its entirety.

[19.] **18.** (No change in text.)

19. Appendix G **of the plumbing subcode**, entitled “Green Plumbing and Mechanical Code Supplement,” shall be deleted in its entirety.