

Plumbing Transition Commission
March 10th, 2015
1:30 PM
8181 Independence Blvd
Baton Rouge, Louisiana 70806
Meeting Minutes

The Chair welcomed all present and **called the meeting to order at 1:37 pm**

The Pledge of Allegiance was recited.

The Chair requested a roll call of the members which reflected the following:

Members Present: S. Maher; M. Wich, C. Benjamin; R. Kothe; J. Barker;
T. Smith; H. Heier; T. Crawford

Members Absent:

Notice of Absence:

8 members present and 0 members absent constitute a Quorum.

Mr. Justin Bello was introduced as the visitor to the meeting. Mr. Bello is a member of the Legal Section of the Department of Public Safety.

Review and Adoption of the Minutes from the February 10th, 2015 meeting.

A **motion** was made by Mr. Wich to adopt the minutes from the February 10th, 2015 meeting and received a **second** from Mr. Crawford. There were three changes requested (1) Pg. 10 605.3.1 reflected a tie vote and sent to the LSUCCC for consideration, the vote was not noted in the minutes and (2) Pg. 11 Ms. Benjamin noted that 608.4 should be 608.8.4. Mr. Heier also made comment concerning the minutes that they did not reflect his and Mr. Kothe's verbal discussion concerning the historical perspective of Act 12 and requested that these facts be reflected in the minutes as well. The Chair addressed the request by Mr. Heier to document the discussion between he and Mr. Heier and that the dialogue existed. The chair requested a vote of the members present to accept the minutes as noted with the amended changes. The vote reflected 8 Is and 0 nays, and the **minutes were adopted with amended parts.**

The next regular PTC meeting will be in Baton Rouge, LA at the Office of State Fire Marshal March 24th, 2015 @ 1:30 A.M. Location will be: 8181 Independence Blvd Baton Rouge, LA. 70806. Also on April 14th, 2015 the Chair asked that The company Suire be added to the agenda. The Company has requested to come and speak to the commission concerning grease traps and interceptors. The will be giving a presentation of that part of the IPC.

Mr. Mark Joiner asks the commission to check the date for Tuesday, May 26th, meeting due to the fact that it falls the day after the Memorial Day and that the meeting time be in the afternoon (1:30). If the commission will check their schedules to make sure that this time would be acceptable.

The documents presented for this meeting are the Addendum2 for Backflow which is just a reprint from the previous meeting, also IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum with some table items that need to be addressed, and then the continuation of Chapter 6 – Water Supply and Distribution Addendum.

The Chair turned the floor over to Ms. Benjamin to discussion the review of comments and concerns. Ms. Benjamin began the discussion with tabled items from the previous meeting and definitions to be covered. Handout dated 3/10/2015 - IPC Chapter 6 Review – Backflow Addendum2.

2012 IPC: 312.10 *Installation, inspection and testing of backflow prevention assemblies, barometric loops and air gaps.* Installation, inspection and testing shall comply with Sections 312.10.1 ~~and through~~ 312.10.23. 312.10.1 *Inspections.* Annual inspections shall be made of all backflow prevention assemblies, *barometric loops and air gaps* to determine whether they are operable, *properly installed and maintained, and meet testing/code requirements. Inspections of backflow prevention devices including barometric loops and air gaps used to protect high degree of hazard cross connections shall be documented in writing and the report provided to the owner of the backflow prevention device.*

312.10.2 *Testing.* Reduced pressure principle, double check, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill-resistant vacuum breaker backflow preventer assemblies ~~and hose connection backflow preventers~~ shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed in accordance with one of the following standards: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, ~~CSA B64.10 or~~ CSA B64.10.1, USC's FCCC & HR's "Manual of Cross-Connection Control", or UFL's TREEO's "Backflow Prevention – Theory and Practice". *Any backflow preventer which is found to be defective shall be repaired.*

312.10.3 *Owner Responsibilities.* *The owner of the backflow prevention assemblies shall comply with the following:* i. *It shall be the duty of the owner of the backflow prevention assembly to see that these tests are made in a timely manner in accord with the frequency of field testing specified in 312.10.2 of this code* ii. *The owner shall notify the building official, and/or water supplier (for those devices associated with containment) in advance when the tests are to be undertaken so that the building official and/or water supplier may witness the tests if so desired .iii. Upon completion, the owner shall provide records of such tests, repairs, overhauls, or replacements to the building official or water supplier (for those devices associated with containment). In addition, all records shall be kept by the owner of the backflow prevention device or method for at least 5 years and, upon specific request, shall be made available to the building official or water supplier. iv. All tests, repairs, overhauls or replacements shall be at the expense of the owner of the backflow preventer.*

Due to ACT 836, DHH does not have the Authority to regulate Tester and Installation/Repairer Qualifications for backflow prevention devices located on the plumbing system. DHH will seek to retain this specific Authority. Ms. Benjamin and Mr. Baker discussed the roles of DHH and The State Plumbing Board concerning who would regulate which area of the plumber/non plumber qualifications. Mr. Barker mentioned that there are ongoing meetings of discussion in these areas to make sure there is proper coverage by the different departments.

Mr. Wich opened discussion on the recommendation regarding the use of the term building official. Ms. Benjamin noted that when the term Building Official is a better term to be used in the IPC instead of Code Official due to confusion on “who” that entity truly is. When it comes to backflow prevention DHH is requesting that term be stated as Building Official because it is more specific. Mr. Becnel requested to speak to the commission concerning the matter and Mr. Ron Crouch discussed the procedures of the LSUCCC and the legal protocol of enforcement of the code. After a lengthy discussion of the definitions for Building Official and Code Official, The Chair noted that the main discussion was to create cohesion in the code and for the commission to consider changing the term Code Official to Building Official not just in the definitions but through the IPC. Mr. Wich noted that there is not that big of a difference however, the one difference for Building Official does not include “or duly authorized representative”. Mr. Joiner requested if the wording, “or his designee or duly authorized” be added in this situation. Mr. Roberts stated that if it was changed in the IPC then it would have to be looked at in other codes. Ms. Benjamin noted that this recommendation was just for the section of backflow preventer was being notified and tested and that the recommendation was for clarification that the term building official would not be interpreted as the LSUCCC that would have to be notified.

A **motion** was made by Ms. Benjamin to amend the 2012 IPC as noted on the handout Page 1 and 2 of handout IPC Chapter 6 Review – Backflow Addendum2 dated 3/10/2015 and noted above for wording and changes (312.10 .1 .2 and add .3 change Building to Code), pending definition of Building Official. The **motion was seconded** by Mr. Smith. The Chair asked for point of question on repair of backflow. The chair requested a vote of the members present and the vote reflected a vote of 7 I’s and 1 Nays, the **motion was adopted**.

Ms. Benjamin opened discussion on recommendations to add new sections to the 2012 IRC:

P2902.8 Inspection and testing of backflow prevention assemblies, barometric loops and air gaps. Inspection and testing shall comply with Sections P2902.8.1 through P2902.8.3. P2902.8.1 Inspections. Annual inspections shall be made of all backflow prevention assemblies and air gaps to determine whether they are operable, properly installed and maintained, and meet testing/code requirements. Inspections of backflow prevention devices including air gaps used to protect high degree of hazard cross connections shall be documented in writing and the report provided to the owner of the backflow prevention device. P2902.8.2 Testing. Reduced pressure principle, double check, pressure vacuum breaker, reduced pressure detector fire protection, double check detector fire protection, and spill-resistant vacuum breaker backflow preventer assemblies shall be tested at the time of installation, immediately after repairs or relocation and at least annually. The testing procedure shall be performed

in accordance with one of the following standards: ASSE 5013, ASSE 5015, ASSE 5020, ASSE 5047, ASSE 5048, ASSE 5052, ASSE 5056, CSA B64.10.1, USC's FCCC & HR's "Manual of Cross-Connection Control", or UFL's TREEO's "Backflow Prevention – Theory and Practice". Any backflow preventer which is found to be defective shall be repaired.

P2902.8.3 Owner Responsibilities.

The owner of the backflow prevention assemblies shall comply with the following:

- i. It shall be the duty of the owner of the backflow prevention assembly to see that these tests are made in a timely manner in accord with the frequency of field testing specified in 312.10.2 of this code.*
- ii. The owner shall notify the building official, and/or water supplier (for those devices associated with containment) in advance when the tests are to be undertaken so that the building official and/or water supplier may witness the tests if so desired.*
- iii. Upon completion, the owner shall provide records of such tests, repairs, overhauls, or replacements to the building official or water supplier (for those devices associated with containment). In addition, all records shall be kept by the owner of the backflow prevention device or method for at least 5 years and, upon specific request, shall be made available to the building official or water supplier.*
- iv. All tests, repairs, overhauls or replacements shall be at the expense of the owner of the backflow preventer.*

A **motion** was made by Ms. Benjamin to add new section to the 2012 IRC P2902.8 Inspections and testing of backflow prevention assemblies, barometric loops and air gaps as noted above and on Page 2 and 3 of handout IPC Chapter 6 Review – Backflow Addendum2 dated 3/10/2015, contingent on definitions of Code Official to be discussed later. The **motion was seconded** by Mr. Smith. The Chair requested a vote of the members present and the vote reflected a vote of 7 I's and 1 Nays, the **motion was adopted**.

Ms. Benjamin open discussion on the recommendation to add a new section to the 2012 IPC concerning Containment practices. The recommendations made are as follows:

608.18 Containment practices. *Backflow prevention methods or devices shall be utilized as directed by the water supplier or building official to isolate specific water supply system customers from the water supply system's mains when such action is deemed necessary to protect the water supply system against potential contamination caused by backflow of water from that part of the water system owned and maintained by the customer (for example, the piping downstream of the water meter, if provided). Minimum requirements shall be in accordance with Section 608.18.1 through 608.18.2.*

608.18.1 Containment requirements. *As a minimum, the following types of backflow prevention assemblies or methods shall be installed and maintained by water supply system customers immediately downstream of the water meter (if provided) or on the water service pipe prior to any branch line or connections serving the listed customer types and categories.*

Also add Table 608.18.1(See added Table 608.18.1 Containment Requirements from Handout Page 3 and 4 IPC Chapter 6 Review – Backflow Addendum2 dated 3/10/2015)

608.18.2 Other containment requirements. *Table 608.18.1 of this code above is not inclusive of all potential contamination sources which may need containment protection. For potential contamination sources not listed in this table, backflow prevention methods or devices shall be utilized in accordance with Table B2 and Section 5.3.4.2 of CSA B64.10.*

When a potential contamination source and its associated backflow prevention method or device is not identified in Table 608.18.1 of this code above or Table B2 and Section 5.3.4.2 of CSA B64.10, backflow prevention methods or devices shall be utilized:

- i. as directed by the building official; or*
- ii. as directed by the water supplier.*

In cases of a discrepancy regarding the particular backflow prevention assembly or method required, the assembly or method providing the higher level of protection shall be required.

AMEND THE FOLLOWING SECTION OF THE 2012 IPC:

608.4 Water service piping/Containment to protect potable water supplies. Water service piping shall be protected in accordance with Sections 603.2. ~~603.2.1~~ Containment to protect potable water supplies shall be achieved in accordance with 608.18 through 608.18.2.

Mr. Mark Roberts requested clarification of when the backflow preventers would be used and required for residential. Ms. Benjamin clarified this request for Mr. Roberts.

A **motion** was made by Ms. Benjamin to add a new section for the 2012 IPC 608.18 as noted above and also on the handout provided pg. 3 to pg. 5 IPC Chapter 6 Review-Backflow Addendum2 3/10/2015. Note: Change to Code official instead of Building Official. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present and the vote reflected a vote of 8 Yes and 0 No, the **motion was adopted.**

Ms. Benjamin opened discussion on the proposed new section for the 2012 IRC. The new section 2012 IRC P2902.7 to be stated as below:

ADOPT THE FOLLOWING DEFINITION IN THE 2012 IRC: Containment—*a method of backflow prevention which requires a backflow prevention device or method on the water service pipe to isolate the customer from the water main.*

CREATE NEW SECTIONS IN THE 2012 IRC:

P2902.7 *Containment practices. Backflow prevention methods or devices shall be utilized as directed by the water supplier or building official to isolate specific water supply system customers from the water supply system's mains when such action is deemed necessary to protect the water supply system against potential contamination caused by backflow of water from that part of the water system owned and maintained by the customer (for example, the piping downstream of the water meter, if provided). Minimum requirements shall be in accordance with Section P2902.7.1 through P2902.7.2.*

P2902.7.1 *Containment requirements. As a minimum, the following types of backflow prevention assemblies or methods shall be installed and maintained by water supply system customers immediately downstream of the water meter (if provided) or on the water service pipe prior to any branch line or connections serving the listed customer types and categories*

Also add Table P2902.7(See added Table 608.18.1 Containment Requirements from Handout Page 6 IPC Chapter 6 Review – Backflow Addendum2 dated 3/10/2015)

P2902.7.2 Other containment requirements. *Table P2902.7.1 of this code above is not inclusive of all potential contamination sources which may need containment protection. For potential contamination sources not listed in this table, backflow prevention methods or devices shall be utilized in accordance with Table B2 and Section 5.3.4.2 of CSA B64.10. When a potential contamination source and its associated backflow prevention method or device is not identified in Table P2902.7.1 of this code above or Table B2 and Section 5.3.4.2 of CSA B64.10, backflow prevention methods or devices shall be utilized:*

- i. as directed by the building official; or*
- ii. as directed by the water supplier.*

In cases of a discrepancy regarding the particular backflow prevention assembly or method required, the assembly or method providing the higher level of protection shall be required.

Several of the commission and also public commented on this recommendation and whether this was already covered elsewhere. Mr. Wich voiced his concerns on a residential application. Concerns were voiced by commission and also Mr. Roberts, ICC, that this may cause the residential owner to rebuild their plumbing system if there were changes made that would add fire sprinkler systems to residential homes and/or those items according to the table as listed. Mr. Kothe commented that this was a gray area and how could there be a start/stop point for homeowners of existing properties.

A **motion** was made by Ms. Benjamin to add a new section for the 2012 IRC P2902.7 Containment practice as noted on the handout Pages 5-7 IPC Chapter 6 Review-Backflow Addendum 2 3/10/2015. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present and the vote reflected a vote of 4 Yes and 4 No, the **motion was moved to the LSUCCC for consideration.**

Ms. Benjamin opened discussion on the proposed recommendation of amending IPC 608.1 General – to reflect the changes/additions throughout referencing applicable Standard referenced in Table 608.1 as noted below:

608.1 General. *A potable water supply system shall be designed, installed and maintained in such a manner so as to prevent contamination from non-potable liquids, solids or gases being introduced into the potable water supply through cross-connections or any other piping connections to the system. Backflow preventers shall conform to the applicable Standard referenced in Table 608.1. Backflow preventer applications shall conform to Table 608.1, except as specifically stated in Sections 608.2 through 608.16.1027 and Sections 608.18 through 608.18.2.*

A **motion** was made by Ms. Benjamin to amend Section 608.1 General - to reflect changes/additions. See handout provided pg. 7 IPC Chapter 6 Review-Backflow Addendum 2 3/10/2015. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present and the vote reflected a vote of 8 Yes and 0 No, the **motion was adopted.**

Ms. Benjamin opened discussion for recommendation made to change Code Official to Building Official in the IPC Only.

This was discussed in a previous meeting but the discussion was postponed until the definitions and terms could be researched in other chapters as they were applied. Recommendation is that the defined term of “code official” be deleted in part of the code and replaced with the word “building official”. In addition, the word “administration” is recommended to be removed because the “building official” only enforces the code. The term “Louisiana State Uniform Construction Code” (LSUCCC) should be added and defined using the text currently describing the “code official”. See entire recommendation on handout – Page 7 IPC Chapter 6 Review – Backflow Addendum2 dated 3/10/2015.

A **motion** was made by Ms. Benjamin to change Code to Building Official in the IPC Only in Section 2, as well as, through the entire code. The officer or other designated authority charged with the administration and enforcement of this code, or a duly authorized representative. [A] in Section 2 and throughout the code. The **motion was seconded** by Mr. Smith. The Chair requested a roll call vote of the members present and the vote reflected a vote of 3 Yes and 5 No, the **motion failed**.

Ms. Benjamin opened the floor for discussion (See Page 8) to update the standards of Chapter 14 of the IPC and Chapter 44 of the IRC to adopt the newest edition of CSA B64.10-11/B64.10.1-11 Selection of Backflow Preventers and the Maintenance/Field Testing Requirements. See the recommended revisions of Chapter 14 of the 2012 IPC Page 8 of the handout. Mr. Kothe and Mr. Maher, as well as other commission members, expressed concerns of passing this recommendation based on the need for more research and provide more documentation for further evaluation by the commission. The recommendation was tabled until a later date and The Chair requested Ms. Benjamin to withdraw her motion. The motion was withdrawn.

Ms. Benjamin opened discussion previously approved in last meeting. The PTC previously approved this change; however, it needs to be re-discussed if the PTC plans on updating the CSA B64.10 Standard. The proposed recommendation is the amend Section 608.16 to the following:

608.16 Connections to the potable water system. Connections to the potable water system shall conform to Sections 608.16.1 through 608.16.4027. *These Sections (608.16.1 – 608.16.27) are not inclusive of all potential contamination sources which may need fixture isolation protection. For potential contamination sources not listed in Sections 608.16.1 through 608.16.27, backflow prevention methods or devices shall be utilized in accordance with Table B1 and Table 2 of CSA B64.10. When a potential contamination source and its associated backflow prevention method or device is not identified in this code or Table B1 and Table 2 of CSA B64.10, backflow prevention methods or devices shall be utilized as directed by the building official.*

Ms. Benjamin noted that since the previous recommendation was tabled it was suggested that this recommendation also be tabled since they actually are part of each other in the code. Ms. Benjamin opened discussion on the recommendation of adding the definition of Barometric Loop, By-Pass, Containment, Degree of Hazard, Dual Check Valve, Fixture Isolation, and Master Meter to Chapter 2 IPC and IRC (See bottom of page 8 and page 9) It had been previously agreed upon by the commission to address definitions for each Chapter at the time the Chapter was covered.

BAROMETRIC LOOP. A fabricated piping arrangement rising at least 35 feet at its topmost point above the highest fixture it supplies. It is utilized in water supply systems to protect against backsiphonage backflow.

BY-PASS. Any system of piping or other arrangement whereby the water may be diverted around any part or portion of the water supply system including, but not limited to, around an installed backflow preventer.

CONTAINMENT. A method of backflow prevention which requires a backflow preventer on the water service pipe to isolate the customer from the water main. (Already covered earlier by the commission)

DEGREE OF HAZARD. An evaluation of the potential risk to public health if the public were to be exposed to contaminated water caused by an unprotected or inadequately protected cross connection.

DUAL CHECK VALVE. A device having two spring loaded, independently operated check valves without tightly closing shut-off valves and test cocks. Generally employed immediately downstream of the water meter. Not an approved backflow prevention device.

FIXTURE ISOLATION. A method of backflow prevention in which a backflow preventer is located to protect the potable water of a water supply system against a cross connection at a fixture located within the structure or premises itself.

MASTER METER. A water meter serving multiple residential dwelling units or multiple commercial units. Individual units may or may not be sub-metered.

The Chair recommended approving each definition separately.

A **motion** was made by Ms. Benjamin to add Barometric Loop to definitions (Page 8) as *A fabricated piping arrangement rising at least 35 feet at its topmost point above the highest fixture it supplies. It is utilized in water supply systems to protect against backsiphonage backflow.* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

A **motion** was made by Ms. Benjamin to add By-Pass to definitions (Page 8) as *Any system of piping or other arrangement whereby the water may be diverted around any part or portion of the water supply system including, but not limited to, around an installed backflow preventer..* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

The definition of Containment has already been address by the commission.

A **motion** was made by Ms. Benjamin to add Degree of Hazard to definitions (Page 9) as *An evaluation of the potential risk to public health if the public were to be exposed to contaminated water caused by an unprotected or inadequately protected cross connection.* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

A **motion** was made by Ms. Benjamin to add Dual Check Valve to definitions (Page 9) as *A device having two spring loaded, independently operated check valves without tightly closing shut-off valves and test cocks. Generally employed immediately downstream of the water meter. Not an approved backflow prevention device.* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

A **motion** was made by Ms. Benjamin to add Fixture Isolation to definitions (See Page 9) as *A method of backflow prevention in which a backflow preventer is located to protect the potable water of a water supply system against a cross connection at a fixture located within the structure or premises itself.* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

A **motion** was made by Ms. Benjamin to add Master Meter to definitions (See Page 9) as *A water meter serving multiple residential dwelling units or multiple commercial units. Individual units may or may not be sub-metered.* The motion was **seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 Yes and 0 No's, the **motion was adopted**.

The Chair then called for a restroom break. The meeting was reconvened at 2:50 p.m.

The Chair called the meeting back to order. Ms. Benjamin opened discussion on tabled items from the February 10th, 2015 meeting - Page 4 of Document – IPC Chapter 6 Review – Water Supply and Distribution. The Chair requested that we move this to a discussion to the next meeting due to not having copies on site for the commission to properly follow.

Ms. Benjamin then directed discussion to provided handout – IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. It was recommended to amend the applicable sections with the IPC and IRC related to water wells to prevent code conflicts and duplication of efforts between State agencies. Recommendation was as follows: Strike out #2 and #3 of the Exceptions noted in (B) Section 309.2 - Exception and also add the applicable requirements to Section 602.3 to add that of LAC 51:XII (Water Supplies) and LAC 56:I (Water Wells). See below for breakdown of motions after discussion between the commission members:

A **motion** was made by Mr. Wich to add language between Exception and Section 309.2 as a sentence - *NOTE: Where a private water supply is used it must meet the applicable requirements of LAC 51:XII (Water Supplies) and LAC 56:I (Water Wells) shall be utilized.* The **motion was seconded** by Mr. Smith and Mr. Kothe. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted**.

The Chair opened discussion on the recommendation from DHH to amend Section 602.3 as follows:

Section 602.3 - Individual water supply. Where a potable public water supply is not available, ~~individual sources of potable water supply shall be utilized~~ *a private water supply meeting the applicable requirements of LAC 51:XII (Water Supplies) and LAC 56:I (Water Wells) shall be utilized*
****Sections 602.3.1, 602.3.2, 602.3.3, 602.3.4, 602.3.5 and 602.3.5.1 Pump Enclosure Removed****

A **motion** was made by Ms. Wich to adopt the amended changes to Section 602.3 as shown on Page 9 of minutes and also noted on Page 1 and 2 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

A **motion** was made by Mr. Maher to adopt 608.17 and amended section per recommendations of DHH as shown below and noted on pages 2 and top of page 4 of handout, add the language, IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Kothe. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

608.17 Protection of individual water supplies. An individual water supply shall be located and constructed so as to be safeguarded against contamination in accordance with ~~Sections 608.17.1 through 608.17.8.~~ *the applicable requirements of LAC 51:XII (Water Supplies) and LAC 56:I (Water Wells).* ~~***Sections 608.17.1 Well Locations to 608.17.6 Removed.***~~

The Chair requested Ms. Benjamin discussed the next proposed recommendation concerning Section P2609 Materials and Evaluation Listing. Recommendations were made to amend the IRC as noted on the handout in order to ensure private water supply and individual sewage disposal systems are designed and installed in accordance with existing State requirements. Recommendations included adding the words community sewerage systems and to reference the applicable code reference.

A **motion** was made by Ms. Benjamin to adopt amendment P2602.1 General as shown below and noted on page 4 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

P2602.1 General. The water-distribution and drainage system of any building or premises where plumbing fixtures are installed shall be connected to a public water supply or *community sewerage* system, respectively, if available. When either a public water-supply or *community sewerage* system, or both, are not available, or connection to them is not feasible, an ~~individual-private~~ water supply *complying with the applicable requirements of LAC 51:XII (Water Supplies) and LAC 56:I (Water Wells)* or individual (private) sewage-disposal system *complying with the applicable requirements of LAC 51:XIII (Sewage Disposal)*, or both, shall be provided.

The Chair opened discussion on recommendation to amend P2609.5. Ms. Benjamin stated that this recommendation was to ensure the new low lead levels are specified for water service pipes, water distribution pipes, water distribution pipes and other components of water supply systems.

A **motion** was made by Ms. Benjamin to adopt amendment P2609.5 as shown below and noted on page 4 and 5 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

P2609.5 Water supply systems. Water service pipes, water distribution pipes and the necessary connecting pipes, fittings, control valves, faucets and appurtenances used to dispense water intended for human ~~ingestion~~ consumption shall be evaluated and listed as conforming to the requirements of NSF 61. *All potable water pipes, fittings, valves, and fixtures shall be lead free and shall be evaluated and listed as conforming with NSF/ANSI 372. Any solder or flux which is used in the installation or repair of any public water system or any plumbing in a residential or nonresidential facility providing water for human consumption shall be lead free. Exception. The lead free requirement above shall not apply to:*

- a. leaded joints necessary for the repair of existing cast iron pipes;*
- b. fire hydrants, pipes, pipe fittings, plumbing fittings, or fixtures, including backflow preventers, that are used exclusively for nonpotable services such as manufacturing, industrial processing, irrigation, outdoor watering, or any other uses where the water is not anticipated to be used for human consumption; or,*
- c. toilets, bidets, urinals, fill valves, flushometer valves, tub fillers, shower valves, service saddles, or water distribution main gate valves that are 2 inches in diameter or larger.*

The Chair opened the floor for discussion on the recommendations to add definitions and amending 2012 IRC Chapter 29 Water Supply and Distribution and Section 2904 Dwelling Unit Fire Sprinkler Systems. It does not appear that NFPA 13D and Section P2904 are equivalent. Discussion followed between the commission members, with public input, to adopt the definitions and recommendations.

A **motion** was made by Ms. Benjamin to add the definition of **MULTIPURPOSE PIPING FIRE SPRINKLER SYSTEM**. *A piping system intended to serve both domestic needs in excess of a single fixture and fire protection needs from one common piping system throughout the dwelling unit(s).* – as defined on page 5 of handout - IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted**.

A **motion** was made by Ms. Benjamin to add definition: **STAND-ALONE FIRE SPRINKLER SYSTEM**. *A sprinkler system where the aboveground piping serves only fire sprinklers.* – as defined on page 5 of handout - IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted**.

The Chair opened discussion on Section 2904 Dwelling Unit Fire Sprinkler Systems recommendations. Discussion followed by the commission members. The Chair turned the discussion over to Ms. Benjamin. Ms. Benjamin requested that she add a motion to add the wording to 2904.1 – “fire” and “piping” in those areas noted in red and strike out areas concerning backflow preventers. After a discussion between the commission members and public comment from Mr. Becnel, Ms. Benjamin requested to separate the change noted in the recommended changes of the word “not” for the backflow preventer sentence. Mr. Roberts addressed the wording in 2902.5.4 and the exception.

Ms. Benjamin removed her motion from the floor concerning the recommendations of changes to Section 2904 Dwelling Unit Fire sprinkler Systems (P2904.1 – General and P2904.3 Sprinkler piping systems)

A **motion** was made by Mr. Wich to keep 2904.1 and 2904.3 as is in its entirety. The **motion was seconded** by Mr. Kothe. The chair requested a roll call vote of the members present which reflected a vote of 4 I's and 4 Nays, **the motion was moved to the LSUCCC for consideration.**

Ms. Benjamin stated that ASTM D2609 needed to be removed from Table 2905.6 of the IRC and Table 605.5 of the IPC due to the fact that PE plastic insert fittings from the IPC and IRC due to the fact that the fittings are prohibited for use in Louisiana.

A **motion** was made by Ms. Benjamin to remove ASTM D2609 from Table P2905.6 of IRC and Table 605.5 of the IPC as noted on page 5 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a roll call vote of the members present which reflected a vote of 4 I's and 4 Nays, **the motion was moved to the LSUCCC for consideration.**

Ms Benjamin discussed recommendations by DHH to add the wording (above ground use only) to TABLE P2905.5 WATER DISTRIBUTION PIPE MATERIAL Galvanized steel pipe due to the fact that galvanized steel pipe is acceptable for water service lines wherein it is buried and can be dug up and repaired; however, galvanized steel pipe should not be used for buried water distribution pipe due to the fact that once it corrodes and leaks, you may have to break the concrete to perform a replacement or repair.

TABLE P2905.5
WATER DISTRIBUTION PIPE MATERIAL
Galvanized steel pipe (*above ground use only*) ASTM A 53

A **motion** was made by Ms. Benjamin to add “Above Ground Use Only” to P2905.5 as noted above and also noted on Page 6 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

Ms Benjamin discussed recommendations to amend, delete, and add definitions to Chapter 2 of the 2012 IPC and the 2012 IRC in order to ensure there is no conflicting terminology with existing code requirements. These areas are covered under the sanitary code.

A **motion** was made by Ms. Benjamin to delete the definitions Lead Free Pipe and Fittings, Lead free Solder and Flux, and Well from Chapter 2 of the 2012 IPC as noted on Page 6 of the handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

A **motion** was made by Ms. Benjamin to delete definitions Individual Water Supply and Public Water Main from the 2012 IPC and IRC. See handout page 6 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

The Chair opened discussion to recommendation to add Non-Potable Water definition to the definitions in the IRC. A definition is already in the IPC. The definition for Nonpotable water is defined in the IPC as follows: Nonpotable Water - Water not safe for drinking, personal or culinary utilization.

Proposed definition change:

NONPOTABLE WATER. *Ordinarily, water not safe for drinking, personal or culinary utilization. In addition to its ordinary meaning, includes water of questionable potability on the discharge side of a backflow preventer used to isolate a portion of the water distribution piping system from the remainder of the water supply system due to backflow connections.*

A **motion** was made by Mr. Wich to keep the current IPC definition and to use the same definition in the IRC for Non-potable water with no changes. The **motion was seconded** by Mr. Kothe. The Chair requested a roll call vote of the commission members present. The vote reflected 5 Yes and 3 No's, the **motion was adopted.**

A **motion** was made by Ms. Benjamin to add definition to the 2012 IPC and to use the same definition in the IRC for Domestic Well as stated below and on bottom of page 6 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

DOMESTIC WELL. *A water well used exclusively to supply the household needs of the owner/lessee and his family. Uses may include human consumption, sanitary purposes, lawn and garden watering and caring for pets.*

Mr. Crawford requested to address Table P2905 and concerns with usage of PVC piping– After discussion this was tabled for research and discussion at the next meeting.

A **motion** was made by Ms. Benjamin to add definition to the 2012 IRC and IPC: Human Consumption as stated below and on top of Page 7 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

HUMAN CONSUMPTION. *The use of water by humans for drinking, cooking, bathing, showering, hand washing, dishwashing, or maintaining oral hygiene.*

A **motion** was made by Ms. Benjamin to add definition to the 2012 IRC and IPC - Lead Free as noted below and on page 7 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Smith. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted**.

LEAD FREE.

a. in general:

i. not containing more than 0.2 percent lead when used with respect to solder and flux; and,
ii. not more than a weighted average of 0.25 percent lead when used with respect to the wetted surfaces of pipes, pipe fittings, plumbing fittings, and fixtures.

b. calculation:

i. The weighted average lead content of a pipe, pipe fitting, plumbing fitting, or fixture shall be calculated by using the following formula:

(a). For each wetted component, the percentage of lead in the component shall be multiplied by the ratio of the wetted surface area of that component to the total wetted surface area of the entire product to arrive at the weighted percentage of lead of the component. The weighted percentage of lead of each wetted component shall be added together, and the sum of these weighted percentages shall constitute the weighted average lead content of the product. The lead content of the material used to produce wetted components shall be used to determine compliance with Clause a.ii. above. For lead content of materials that are provided as a range, the maximum content of the range shall be used.

A **motion** was made by Ms. Wich to add definition to the 2012 IRC and IPC - Person as noted below and on page 7 of handout IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Heier. The chair requested a vote of the members present which reflected a vote of 0 I's and 8 Nays, **the motion failed**.

PERSON. *A natural person, his heirs, executors, administrators, or assigns; and includes a firm, partnership or corporation, it's or their successors or assigns, the State of Louisiana or any of its political subdivisions, the United States government of any of its political subdivisions and any officer, employee and agent of one of those entities. Singular includes plural; male includes female.*

The Chair opened the floor for discussion on the recommendations to add definitions for Potable Water Supply, Private Water Supply, Public Water Supply, Public Water System, and Water Supplier. Mr. Wich stated that there are definitions already in the code the difference is that the word Supply is not used in the definition. There was discussion between the commission members and public to the definitions of public vs private water systems.

A **motion** was made by Mr. Wich to not add definitions of Potable Water Supply, Private Water Supply, Public Water Supply, Public Water System, and Water Supplier as noted on page 7 of the handout - IPC Chapter 6 and Related IRC Review – Water Supply and Distribution Addendum dated 3/10/2015. The **motion was seconded** by Mr. Crawford. The motion was tabled, see next page for substitute motion.

There was a **substitute motion** made by Mr. Barker and **motion was seconded** by Mr. Maher to table the discussion on the definitions to be added until there could be more research by the commission. The chair requested a vote of the members present which reflected a vote of 8 I's and 0 Nays, **the motion was adopted.**

Mr. Wich voiced concerns over being on Chapter 6 and the amending of parts of the code that are already covered. Concern was expressed that this was slowing the progress of the commission to cover the required material in a timely manner.

With no other items on the agenda and no motion to accept other business, a **motion** was made by Mr. Maher to adjourn. The motion was seconded by Mr. Barker. With no objection, the meeting was adjourned at 4:06 p.m.

END OF MINUTES