From:	David Williams
То:	RULES, DLI (DLI)
Subject:	2018 Minnesota Plumbing Code Rulemaking
Date:	Friday, January 03, 2020 11:09:22 AM

I have been led to believe that Appendix M of the 2018 UPC is not scheduled to be adopted by the current rulemaking.

I believe the State of Minnesota would be well served by adoption of Appendix M of the 2018 UPC. This Appendix allows evidence based sizing of domestic water supply systems serving residential occupancies when such buildings are constructed using water saving fixtures. For much of the affordable housing built in Minnesota, the projects are mandated to use water saving fixtures due to restrictions from the major funding of such projects, Minnesota Housing. These restrictions, mandatory installation of water saving fixtures, are contained in the Minnesota overlay to the Enterprise Green Communities Criteria.

The use of water saving fixtures results in significant reduction in peak water demand and using the default water system sizing methodology results in significant over sizing of the water supply and distribution system. The problems of such over sizing include increase transit time for hot water delivery, lower water velocity (which can allow greater formation of biofilms in the pipes), additional aging of water supply (which reduces chlorine residual), and unwarranted capital costs (including unnecessary meter sizing and meter costs).

While there has been some reluctance of some authorities to accept this methodology, the major disagreement appears to be based on the use of water saving fixtures. Since such fixtures are mandatory in much of the affordable housing sector, this should be a moot point.

Projects constructed to meet the Minnesota B3 Guidelines would likely install water saving fixtures as part of a strategy to meet the 50% reduction in domestic water use requirements. Only a few of these projects are residential in nature and potential users of Appendix M.

With the high cost of new construction and the need for additional residential housing with the advantage of experimentally supported sizing/design criteria, this Appendix is a win-win for Minnesota.

(An alternative to a blanket approval would be an optional path for those projects where water saving fixtures are required)

David Toshio Williams, PE, FPE – Lead MEP/FP Engineer 21 West Superior Street, Suite 500, Duluth, MN 55802 Direct 218.279.2436 | Cell 218.310.2446 LHBcorp.com

LHB, Inc. | PERFORMANCE DRIVEN DESIGN.



PHONE: 320.222.6800 | TOLL FREE: 800.992.1725 | FAX: 320.222.6820 | WEB: www.prinsco.com

January 3, 2020



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## JAN 0 3 2020

Suzanne Todnem Minnesota Department of Labor and Industry 443 Lafayette Road North St. Paul, MN 55155

DEPT. OF LABOR & INDUSTRY LEGAL SERVICES

RE: REQUEST FOR COMMENTS for Possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

On behalf of several underground utility contractor companies and all employees of Prinsco, we strongly advise the repeal and removal of the adoption of any language or footnotes approved by the Board as proposed in PB 0142. Any modifications made to PB 0123 due to this proposal should revert to the approved language per July 16, 2019 plumbing board review meeting.

Per the Official Notice, the Board is interested in probable costs of complying with the proposed rule, including the portion of the total costs that will be borne by identifiable categories of affected parties, such as Minnesota contractors. PB 0142 was submitted very late in the review process and provided under a false premise that there would be no economic impact for enforcing the rule as proposed. MUCA contractors, among many others, will bear the burden and experience significant increased costs for compliance.

Additionally, PB 0142 was submitted by an organization with a direct conflict of interest. The Board should refrain from deciding proposed language changes while not being provided all the facts and input from industry, especially the contractors who will bear the cost of the proposed changes, along with the administrative burden and cost of compliance.

The effort to add the proposed rule (PB 0142) to require extensive testing of thermoplastic piping 12 inches and larger will directly impact the cost of construction and projects in the state of Minnesota. By approving the proposal, the Board would be requiring Minnesota contractors to spend thousands of dollars on unnecessary testing. Currently, the Minnesota Plumbing Code contains requirements for performance testing on storm and sanitary sewer lines located in critical areas near buildings or within proximity to drinking water infrastructure. The current requirements are more than enough for protecting the public responsibly as proven by over five decades of sustainable use of thermoplastic piping across the state.

Adding the requirements proposed by PB 0142 would be done without significant precedence, justification or cause. To start, there is no precedence set by the Uniform Plumbing Code (UPC) or International Plumbing Code (IPC) which contains any reference to the proposed testing per PB 0142. Additionally, thermoplastic piping materials like HDPE, PVC and PPP have been used for decades with success across the state of Minnesota. Furthermore, the proposed submission contained no verifiable proof of recurring failures, nor overwhelming evidence of the need for extensive testing.

CORPORATE HEADQUARTERS: 1717 16th Street NE | 3rd Floor | Willmar, MN 56201

LOCATIONS: Fairfax, MN | Prinsburg, MN | Rose Creek, MN | Chatsworth, IL | Fort Dodge, IA | Jesup, IA | Bethany, MO | Fresno, CA





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November 21, 2019 Suzanne Todnem Minnesota Plumbing Code, Chapter 4714; Revisor's ID Number R-04633 Page 2

The author of PB 0142, using MN DOT specs as justification, is being disingenuous in the process. What MN DOT requires for its projects does not necessarily apply for all projects across the state. By adopting this language, the Minnesota Plumbing Board would be actively creating an unjustified, unbalanced and unfair marketplace for competition in storm sewer and drainage piping. Minnesota contractors believe in a free and unfettered market for their projects based on years of experience in the field and many varied applications. We are also confident the project owners or Authorities Having Jurisdiction (AHJ) prefer the freedom of choice in the materials used that are best suited for their respective projects.

The author of PB 0142 using this Board and the Plumbing Code, with a submission that is clearly a conflict of interest, can only leave one to conclude that the intent is to cause harm in a competitive marketplace. Minnesota contractors, project owners, and AHJ's should not have to bear the burdensome cost of compliance based on suspect motives and especially lacking any evidence of the need for increased testing.

In summary, Prinsco and several other Minnesota contractors strongly urge the Minnesota Plumbing Board to rescind its approval of PB 0142 due to the unethical and poorly timed nature of the submittal, the definite increased costs to MUCA Contractors, coupled with the significant economic impact on construction projects, and the lack of precedence by any national codes or justified framework for adopting the proposal.

Sincerely,

Jason Forgette

Jason Forgette Midwest Sales Manager Prinsco, Inc.

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December 6, 2019



Ms. Suzanne Todnem Minnesota Department of Labor and Industry 443 Lafayette Road North St. Paul, MN 55155

RE: REQUEST FOR COMMENTS for Possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

The Plastics Pipe Institute (PPI) would strongly advise the repeal and/or removal from adoption of any language or footnotes approved by the Board as proposed in PB 0142. Any modifications made to PB 0123 due to this proposal should revert to the language approved at the July 16, 2019 Plumbing Board review meeting.

One of our primary concerns with the adoption of anything proposed by Mr. Jason Kreuger and the Minnesota Concrete Pipe Association per PB 0142 is due to the deceit included in the submittal to the Board. Within the RFA, the following false statements were made:

- 1. The Primary Reason for Change note was to "Encourage new methods and materials". This item was selected to provide the appearance of a benign submittal, as no other primary reason would be reasonable to select. However, the true reason for change proposed should be "Other: To burden competitive industries and favor concrete pipe manufacturers."
- Anticipated Benefits were noted as "Improve Uniform Application". The proposed language would decrease the uniformity and equality of the code, as it would require additional testing and inspection for one material over others. Not only would this decrease uniformity, but it would also present significant confusion in the field.
- 3. Under Economic Impact, the submitter claimed there would be no financial downside to adopting the proposal from cost of enforcement or compliance. The additional testing would indeed increase the cost of both enforcement and compliance with the code. The state or local inspectors would be required to allocate significantly more time checking the records and witnessing testing for enforcement. Additionally, with the compliance cost affecting both project delivery speed and increased cost to perform testing to the contractor, the owner or developer would incur significant financial burden across the State for all Minnesotans.

The claim that there is value to the State by guaranteeing structurally sound piping due to this additional testing insinuates that the products currently being used are not of high quality and integrity. All thermoplastic piping approved by the Board has been used for decades across Minnesota with no significant or recurring issues being presented by the submitter for justification to require the additional testing. In fact, most of the data provided by the submitter centered around the Minnesota Department of Transportation (MnDOT) requirements for inspection. Currently, MnDOT conducts significant inspection of ALL materials and assets owned within their own



THE VOICE OF AN INDUSTRY

system through their HydInfra program. As a result of MnDOT's significant research, thermoplastics provide a significant opportunity to improve the quality of stormwater infrastructure in the state. Many of the current storm water maintenance issues witnessed by the state relate to poor joints and corrosion resistance by traditional materials susceptible to corrosive soil and water conditions, as well as from freeze-thaw cycles. Adopting PB 0142 and applying additional testing for thermoplastic pipes would be not address any of the concerns identified as the most common maintenance issues for traditional materials. It is inappropriate for the Board to adopt a proposal pushed by the Minnesota Concrete Pipe Association as a means of improving installed plastic pipe quality as if there are no concerns about properly installing concrete pipe materials.

In addition, the proposed testing submitted by PB 0142 was provided at the last hour in an attempt to put the Board in a difficult position. To the Board's credit, there have been countless chapters, proposals and code ideas to review with many positive ideas being adopted. Due to the clear bias of the submitter, we would highly suggest that proposals submitted at the end of a review process be more highly scrutinized and vetted. Due to the rushed nature of the submittal, the submitter did not provide any review of national plumbing code standards. Since the basis of their submittal does not exist in either code, they were unable to include any reference to either the Uniform Plumbing Code or International Plumbing Code that might provide appropriate language or precedence for the adoption.

The participation of the Plastics Pipe Institute and its members in this process with the Ad Hoc Rulemaking Committee and Plumbing Board has been performed in an ethical, beneficial, and fair manner with the focus being to improve the code for all Minnesotans. PPI has several members who produce pipe in Minnesota, including, Advanced Drainage Systems, Inc., Prinsco, and Uponor. PPI, its members, and all those supporting our position strongly urge for the repeal of any action taken due to PB 0142. We would appreciate the opportunity to present our case personally to the board seeking resolution.

Sincerely,

Daniel Currence, P.E. Director of Engineering, Drainage Division (816) 916-3470

Plastics Pipe Institute 105 Decker Court, Suite 825 Irving, TX 75062



Minnesota Utility Contractors Association

1000 Westgate Drive, Suite 252 | St. Paul, MN 55114 P: 651.735.3908 | F: 651.290.2266 www.muca.org

November 21, 2019

Suzanne Todnem Minnesota Department of Labor and Industry 443 Lafayette Road North St. Paul, MN 55155

RE: REQUEST FOR COMMENTS for Possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

On behalf of over 55 underground utility contractor companies who comprise the Minnesota Utility Contractors Association (MUCA), we strongly advise the repeal and removal of the adoption of any language or footnotes approved by the Board as proposed in PB 0142. Any modifications made to PB 0123 due to this proposal should revert to the approved language per July 16, 2019 plumbing board review meeting.

Per the Official Notice, the Board is interested in probable costs of complying with the proposed rule, including the portion of the total costs that will be borne by identifiable categories of affected parties, such as MUCA contractors. PB 0142 was submitted very late in the review process and provided under a false premise that there would be no economic impact for enforcing the rule as proposed. MUCA contractors, among many others, will bear the burden and experience significant increased costs for compliance.

Additionally, PB 0142 was submitted by an organization with a direct conflict of interest. Did no one on the Board question <u>why a concrete pipe association was submitting proposed rules affecting</u> <u>plastic pipe</u>? The Board should refrain from deciding proposed language changes while not being provided all the facts and input from industry, especially the contractors who will bear the cost of the proposed changes, along with the administrative burden and cost of compliance.

The effort to add the proposed rule (PB 0142) to require extensive testing of thermoplastic piping 12 inches and larger will directly impact the cost of construction and projects in the state of Minnesota. By approving the proposal, the Board would be requiring MUCA contractors to spend thousands of dollars on unnecessary testing. Currently, the Minnesota Plumbing Code contains requirements for performance testing on storm and sanitary sewer lines located in critical areas near buildings or within proximity to drinking water infrastructure. The current requirements are more than enough for protecting the public responsibly as proven by over five decades of sustainable use of thermoplastic piping across the state.

November 21, 2019 Suzanne Todnem Minnesota Plumbing Code, Chapter 4714; Revisor's ID Number R-04633 Page 2

Adding the requirements proposed by PB 0142 would be done without significant precedence, justification or cause. To start, there is no precedence set by the Uniform Plumbing Code (UPC) or International Plumbing Code (IPC) which contains any reference to the proposed testing per PB 0142. Additionally, thermoplastic piping materials like HDPE, PVC and PPP have been used for decades with success across the state of Minnesota. Furthermore, the proposed submission contained no verifiable proof of recurring failures, nor overwhelming evidence of the need for extensive testing.

The author of PB 0142, using MN DOT specs as justification, is being disingenuous in the process. What MN DOT requires for its projects does not necessarily apply for all projects across the state. By adopting this language, the Minnesota Plumbing Board would be actively creating an unjustified, unbalanced and unfair marketplace for competition in storm sewer and drainage piping. MUCA contractors believe in a free and unfettered market for their projects based on years of experience in the field and many varied applications. MUCA is also confident the project owners or Authorities Having Jurisdiction (AHJ) prefer the freedom of choice in the materials used that are best suited for their respective projects.

The author of PB 0142 using this Board and the Plumbing Code, with a submission that is clearly a conflict of interest, can only leave one to conclude that the intent is to cause harm in a competitive marketplace. MUCA contractors, project owners, and AHJ's should not have to bear the burdensome cost of compliance based on suspect motives and especially lacking any evidence of the need for increased testing.

In summary, the contractor members from MUCA strongly urge the Minnesota Plumbing Board to rescind its approval of PB 0142 due to the unethical and poorly timed nature of the submittal, the definite increased costs to MUCA Contractors, coupled with the significant economic impact on construction projects, and the lack of precedence by any national codes or justified framework for adopting the proposal.

Sincerely,

Stephanie Henning

Stephanie Menning Executive Director

cc: Minnesota Plumbing Board Members

#### OUR MISSION

To promote the underground utility industry by providing safety training, continuing education, scholarships and legislative relations. OUR VALUES Honest Communications Transparent Leadership Authentic Engagement December 9, 2019

Plumbing Board c/o Minnesota Department of Labor and Industry 443 Lafayette Road North St. Paul, MN 55155-4344 <u>dli.ccldboards@state.mn.us</u>

RE: REQUEST FOR COMMENTS for possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

I am writing this letter to indicate my objection to the proposed modifications as outlined in PB 0142. The reason for my objection is concerning the proposer's indication that there will be no economic impact by the proposed changed. Without question, adding testing requirements to a certain type of pipe material that aren't normally performed with storm sewer installations will have an increased cost to the project and ultimately bourn by one of the parties.

Thank you for your consideration of denying the proposed plumbing code amendment.

Sincerely,

Charles J. Howley

Charles J. Howley, PE, CPESC, LEED AP

Practicing Professional Engineer for projects in the State of MN.

PE #42728

Core & Main, LLC 15800 West 79<sup>th</sup> Street Eden Prairie, MN 55344

January 3, 2020

Suzanne Todnem Minnesota Department of Labor and Industry Plumbing Board 443 Lafayette Road North St. Paul, MN 55155

# RECEIVED

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DEPT. OF LABOR & INDUSTRY LEGAL SERVICES

RE: REQUEST FOR COMMENTS for Possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

On behalf of Core & Main and our contractor partners that have been petitioned and signed to this letter we respectfully request that the Plumbing Board repeal and remove the adoption of any language or footnotes approved by the Board as proposed in PB 0142. Any modifications made to PB 0123 due to this proposal should revert back to the approved language per July 16, 2019 plumbing board review meeting.

The effort to add the proposed rule (PB 0142) to require extensive testing of thermoplastic piping 12 inches and larger will directly impact the cost of construction and projects in the state of Minnesota. By approving the proposal, the Board would be requiring contractors, businesses and individuals to spend thousands of dollars on additional testing equipment and labor to perform said tests. Additionally the time required to let the pipe seat prior to testing would push already tight time lines on these projects to the limit and create additional costs related to project delays. Currently, the Minnesota Plumbing Code contains requirements for performance testing on storm and sanitary sewer lines that are located in critical areas near buildings or within close proximity to drinking water infrastructure. Project engineers and local government agencies also work together on these projects to ensure installation of quality products that are well suited for these applications. The current rules and requirements are more than sufficient to ensure the integrity of the installation and protect the public responsibly.

Adding the requirements proposed by PB 0142 would be done without significant precedence, justification or cause. To start, there is no precedence set by the Uniform Plumbing Code (UPC) or International Plumbing Code (IPC) which contains any reference to the proposed testing per PB 0142. Additionally, thermoplastic piping materials like HDPE, PVC and Polypropylene have been used for decades with success across the state of Minnesota. By adopting this rule change the Minnesota Plumbing Board would inadvertently create an unbalanced and unfair marketplace that would add untold costs to construction projects by limiting the materials that could be used to options that cost much more than thermoplastic materials that have been used successfully for years.

In summary, the coalition of petitioned signatures attached to this comment and letter would again respectfully request that the Minnesota Plumbing Board rescind its approval of PB 0142 due to the added costs associated with additional equipment, labor and cost associated with project delays. The significant economic impact on Minnesotans and the lack of precedence by any national codes or justified framework for adopting the proposal when considering the proposed changes.

Sincerely, Mark Hines Core & Main, LLC

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X Signature

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Julian M. Johnson Const. Organization, Company, Profession Information 6191 140th Ave NW Ramsey MN 55303 Address Line

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Emily Stevenson Printed Name

(ove + Main, Senior Estimator

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Michael Leahy Printed Name

St. Paul Utilities and Excavating, Inc. Organization, Company, Profession Information

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15800 WEST 78th STREET Address Line 1 FRANCE, MN 55344

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<u>X Jon M</u> Signature

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Signatory Statement to Repeal Modification of PB 0123 by PB 0142

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I hereby support the repeal the adoption of PB 0142 – Add Section 1107.2, Thermoplastic Piping Materials and any modifications to PB 0123 caused by the proposal. I would support action by the Plumbing Board to revert to its original adoption of PB 0123 as of July 16, 2019.

Signature

Tom PErme

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BKJ Excavating Ste + Utility Contractor Organization, Company, Profession Information

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Matt Millips <u>X</u> Signature

MATT MIKLYA Printed Name

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Signatory Statement to Repeal Modification of PB 0123 by PB 0142

<u>x New Mitc</u> Signature <u>Pete Nasvir</u>

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Signatory Statement to Repeal Modification of PB 0123 by PB 0142

x Josh Haborson Signature Josh Halvorson Printed Name

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Signatory Statement to Repeal Modification of PB 0123 by PB 0142

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MIKE DIETZ

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Bituminous Roadways, Inc.

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<u>x Randy Kname</u> Signature <u>Randy Krame</u> Printed Name

Bituminous Roadways, Inc.

1520 Commerce Dr Mendota Heights, MN 55120

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Signature

Lee Beemer

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Beemer Companies, Underground Utilities, Commercial Development

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<u>B326 Wyoning Trail</u> Address Line 1 Chi sage City, MN 530/3

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Ryan Potvin

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Peterson Companies Inc.

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Core & Main, LLC 15800 West 78<sup>th</sup> Street Eden Prairie, MN 55344

December 3, 2019

Dear Valued Customers and Industry Partners:

Core & Main is reaching out to you today because of some recently proposed changes by the Minnesota Department of Labor and Industry to the Minnesota Plumbing Code. The changes proposed in rule PB 0142 relate directly to the installation and testing of thermoplastic pipe (HDPE, PP, PVC) for use in storm sewer applications. The new rule would require that all thermoplastic storm sewer 12" and larger undergo a 30 day waiting period after the final fill to allow the pipe/soil system to "seat and come to equilibrium." After the required 30 day waiting period a 5% deflection test using a properly sized metal or laser type mandrel will be performed. Any plastic pipe that deflects more than 5% of the nominal inside diameter as measured by the mandrel test would be required to be removed and replaced and retested.

The addition of proposed Rule PB 0142 would add significant cost and create delays on most if not all projects. The current Plumbing Code, the local municipality, and project engineers currently have standards of construction and performance testing of thermoplastic pipe for storm and sanitary sewer applications that adequately ensure the integrity of the infrastructure and address the safety of the general public. These products have been used successfully for decades throughout the state of Minnesota and there is no evidence of consistent failures that would require more regulation.

This rule change will affect us all in different ways so we ask that you join us and make your voice heard by signing the attached signatory statement to repeal modification of PB 0123 by PB 0142. The comment period is open until January 6, 2020 at which point we will present all of our signatory statements in aggregate to the Plumbing Board in an effort to repeal this unnecessary and costly rule change.

Thanks for your support.

Core & Main, LLC

Signatory Statement to Repeal Modification of PB 0123 by PB 0142

Signature

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SOMETHING MONTHING IN SOME LES

582 Bavaria Lane Chaska, MN 55318 Office: 952-448-3321 Fax: 952-448-3774

Signatory Statement to Repeal Modification of PB 0123 by PB 0142

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Construction Company

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Matt Didion

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John Hebert

Potesson Company, Project Manger / Febrinator Organization, Company, Profession Information

Joys viotoria st. N Address Line 1

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PETERSON CONPANIES, INC. Organization, Company, Profession Information

8726 WYAMING TRAIL Address Line 1

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Steven Fros

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<u>x Ut Erichson</u>. Signature <u>Alex Erickson</u> Printed Name

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Carly Vetter

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Shane Hill

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Jennifer Dhein

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Nick Sterner

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Scott/Kerzman

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Bart Anderson

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Jacob Conner

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Blake Smith

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U.S. SiteWork, Inc.

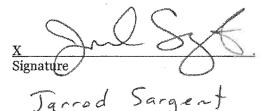
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avid Mitchell

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Josh Prange Printed Name

Park Construction Company, Project Manager Organization, Company, Profession Information

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ST. MICHAEL, MN 55376

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Printed Name

UTILITY SYSTEMS OF AMERICA Organization, Company, Profession Information

EVELETT, MN Address Line 1

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I hereby support the comment letter provided by XXXXXXXXXXXX dated November X, 2019. I support the repeal the adoption of PB 0142 - Add Section 1107.2, Thermoplastic Piping Materials and any modifications to PB 0123 caused by the proposal. I would support action by the Plumbing Board to revert to its original adoption of PB 0123 as of July 16, 2019.





November 22, 2019

Ms. Suzanne Todnem Minnesota Department of Labor and Industry 443 Lafayette Road North St. Paul, MN 55155

RE: REQUEST FOR COMMENTS for Possible Amendment to Permanent Rules Governing the Minnesota Plumbing Code, Minnesota Rules, Chapter 4714; Revisor's ID Number R-04633

To the Minnesota Plumbing Board,

On behalf of the engineers, contractors, developers/landowners and corrugated plastic pipe manufacturers petitioned and signed to this letter, we would strongly advise the repeal and removal of the adoption of any language or footnotes approved by the Board as proposed in PB 0142. Any modifications made to PB 0123 due to this proposal should revert to the approved language per July 16, 2019 plumbing board review meeting.

The proposal by Jason Kreuger and the Minnesota Concrete Pipe Association per PB 0142 is nothing more than a deliberate attempt to harm the plastic pipe industry by restricting the use of plastic pipe due to increased costs with unnecessary testing. The Board should not be implementing language changes without reviewing facts and input from industry, especially in this situation when a competitive product representative is clearly adding additional requirements to restrict the use of plastic pipe.

By adding the proposed rule (PB 0142), extensive testing of thermoplastic pipe 12 inches and larger will directly impact the cost of construction and projects throughout the state of Minnesota. Through approval of the proposal, the Board would be requiring contractors to spend thousands of dollars and add significant time to projects on unnecessary testing. The current Minnesota Plumbing Code requirements already contain performance testing on storm and sanitary sewer lines located in critical areas near buildings or within proximity to drinking water infrastructure. These current requirements adequately address safety concerns for the general public.

The additional requirements proposed by PB 0142 comes without any precedence, justification or cause. There is no precedence set by the Uniform Plumbing Code (UPC) or International Plumbing Code (IPC) which contains any reference to the proposed testing per PB 0142. Additionally, thermoplastic pipe materials such as HDPE, PVC and PP have been used for decades with success across the state of Minnesota. The proposed submission does not contain any proof of recurring failures or evidence of the need for extensive testing.

In summary, we strongly urge the Minnesota Plumbing Board to repeal any action taken due to PB 0142 due to the unethical and unnecessary nature of the submittal and increased costs associated with projects.





X Signature

NAAN Printed Name

Organization, Company, Profession Information

204 9th Ave NE Address Line 1

Rice MN 56367 Address Line 2

I hereby support the comment letter provided by Advanced Drainage Systems dated November 22, 2019. I support the repeal the adoption of PB 0142 - Add Section 1107.2, Thermoplastic Piping Materials and any modifications to PB 0123 caused by the proposal. I would support action by the Plumbing Board to revert to its original adoption of PB 0123 as of July 16, 2019.





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Paul Molitor

Printed Name

Molitor Excavating Inc. Organization, Company, Profession Information

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