

**Plumbing Board  
Meeting Minutes  
October 20, 2009  
Minnesota Room  
Department of Labor and Industry (DLI)  
443 Lafayette Road No., Saint Paul, MN 55155-4344  
[DLI.CCLDBOARDS@State.MN.US](mailto:DLI.CCLDBOARDS@State.MN.US)**

**Members Present:**

Karl Abrahamson  
Rebecca L. Ames  
Steve Christenson  
Jim Gander  
Kenneth Kammerer  
James Kittelson  
Lawrence G. Justin  
Allen J. Lamm  
Michael McGowan  
Rick Palmateer  
John A. Parizek  
Jim Lungstrom (DLI Commissioner's designee)  
Paul Sullwold  
Ronald Thompson (MDH Commissioner's designee)

**Members Absent:**

None

**Staff Present:**

Cathy Tran  
Wendy Legge  
Jim Peterson  
Tom Joachim  
Brad Erickson  
Annette Trnka

**Visitors:**

Chris Mueller  
Jeff Keogh  
Gary Thaden  
Jeff Mogush  
Shari Loushin  
Tom Hamel  
Mike Lipke  
Bob Nicol  
Charlie Ismert  
Matthew Marciniak  
Sara Christopherson

**I. Call To Order**

The meeting was called to order by Parizek at 9:39 a.m. Announcements were made and introductions were done.

**II. Approval of Agenda**

Parizek stated that he would like to add item (F) for Construction Codes Advisory Committee under item V of the Agenda. Gander made a motion, seconded by Abrahamson, to approve the meeting agenda as amended. The vote was unanimous and the motion carried.

### **III. Approval of Previous Meeting Minutes**

- A. July 21, 2009 Minutes – Schultz stated he was listed in attendance however he was not at the meeting. Justin made a motion, seconded by McGowan, to accept the previous Minutes as amended. The vote was unanimous and the motion passed.

### **IV. Regular Business**

- A. Approval of Expense Reports – The Chair stated he had reviewed the expense reports and Per Diems; found them in order and declared them approved.

### **V. Committee Reports**

- A. Executive Committee – The meeting of this morning was reviewed.
- B. Product and Code Review Committee – Justin gave an update on the September 22, 2009 meeting and reviewed who would be presenting to the Board.
- C. Code Interpretation Committee – This Committee has not met.
- D. Licensing and Registration Committee – This Committee has not met.
- E. Green Committee – This Committee has not met.
- F. Water Conditioning Committee – This Committee has not met.

### **VI. Special Business**

- A. DLI Reports
  - i. Fee Restructuring – Tom Joachim presented the Department of Labor and Industry’s proposed legislation for the next legislative session. Gary Thaden addressed the Board and stated that the Mechanical Contractor’s Association will be requesting support at the January Plumbing Board meeting for the proposed legislation requesting that the 1.5 million that is taken from DLI and given to the General Fund be repealed.

The meeting broke at 10:50 and reconvened at 11:04 a.m.

- ii. Open Meeting Law – Wendy Legge gave a memo to the Board regarding a breach of the Open Meeting Law which happened when the Metro Gang Strike Force Advisory Board made a decision via e-mail with a quorum of the Committee members. Legge stated that it does not violate the Open Meeting Law when Board members share information however no decisions can be made with a quorum of either Board or Committee.
  - iii. Other – There was no further discussion.

B. Requests For Action

- i. File PB0012 (1-30-07) Vista Clear Units – Jim Chandler presented via teleconference. Justin made a motion, seconded by Lamm, to accept the following language:

If a dental waterline treatment system is to be installed which has been cleared by the FDA for marketing, a single RPZ shall be installed prior to the water treatment system and not required on each branch line. The system shall be installed and maintained in accordance with the treatment system manufacturer's instructions. Where required after the treatment system, water transmission lines of less than ½ inch are permitted.

The meeting broke for lunch at 12:20 p.m. and resumed at 1:20 p.m.

The vote was Justin, Lamm, Ames, Palmateer, Kittelson, Kammerer, Christenson, McGowan and Lungstrom voted Aye. Parizek, Gander, Abrahamson and Sullwold voted Nay. The 2/3 majority requires 9 positive votes and the motion passed.

- ii. File PB0009 (5-13-08) Grinder Pump Discharge – Jeff Mogush presented in person. Gander made a motion, seconded by Ames, to approve the language as follows and move the RFA to the next rulemaking process.

4715.2350 MINIMUM SIZE OF UNDERGROUND GRAVITY DRAINS DRAINAGE PIPING.

No portion of the gravity drainage system installed underground shall be less than two inches in diameter.

4715.0100. Subp. XX – Grinder Pump. A grinder pump is a specialized submersible pump designed for reducing sewage particulates and pumping the resulting slurry.

**4715.2440 DESIGN OF SUMPS.**

**Subp. 2. Discharge line.** The discharge line from such pumping equipment shall be provided with an accessible backwater valve and gate or full port ball valve, and if the gravity drainage line to which such discharge line connects is horizontal, the method of connection shall be from the top through a wye branch fitting. Except for grinder pumps and as provided in part 4715.2450, the minimum size of any pump or discharge pipe having a water closet connected thereto shall not be less than two inches. Grinder pump and discharge line shall be at minimum of 1-1/4 inches in size. The calculated velocity in any sump discharge line shall not be less than two feet per second.

**Subp. 3. Sumps for buildings.** Building drains for building sewers receiving discharge from any pumping equipment shall be adequately sized to prevent overloading. In all buildings, other than single- and two-family dwellings, should three or more water closets

discharge into the sump, duplicate pumping equipment shall be installed with controls that alternate the operation of each pump under normal conditions.

**Subp. 5. ~~Single family dwellings.~~ Capacity.** In a single-family dwellings the minimum storage capacity from the pump suction inlet to the alarm level capacity of a sump other than a macerating toilet system shall be 18 gallons. For all facilities, the sump basin storage volume and the pump capacity shall be adequate to prevent overloading and shall meet the following requirements at minimum:

a. The pump and sump basin shall be able to accommodate the peak flow into the sump for a duration of five minutes.

b. The peak flow into the sump shall be approximated by calculating the peak water supply demand for the fixtures discharging to the sump as determined in part 4715.3700, and adding any flows from tanks or other equipment based on the maximum flow rates from such equipment. The maximum liquid level in the sump shall be calculated with the peak flow beginning at the highest design liquid level in the sump under normal operating conditions with one pump operating.

c. The calculated maximum liquid level in the sump shall not reach the alarm level or cause backup into the sump inlet.

The vote was Parizek, Justin, Gander, Lamm, Ames, Palmateer, Kittelson, Kammerer, Christenson, McGowan, Sullwold and Lungstrom voted Aye. Abrahamson voted Nay. The 2/3 majority ruled and the motion passed.

- iii. File PB0037 (1-15-09) Grease Interceptors, Schier Products/Green Turtle. Charlie Ismert and Silvano Ferrazzo presented in person. Gander made a motion, seconded by Ames, to start with the concept language that has been presented today by Schier and Green Turtle, and to ask Department staff to do legal review and wordsmithing of the presented language as one new section and refer back to the Product and Code Review Committee. The vote was Parizek, Justin, Gander, Lamm, Ames, Palmateer, Kittelson, Kammerer, Christenson, McGowan, and Sullwold voted Aye. Opposed was Lungstrom. Abrahamson abstained. The 2/3 majority ruled and the motion passed.

Justin made a motion, seconded by Parizek, to table the remaining items to the January Board meeting due to time constraints. The vote was unanimous and the motion passed.

- iv. File PB0043 (6-17-09) Copper Water Tube Adhesive Joint, Mueller
- v. File PB0034 (7-3-08) Non-water urinals, Additional exceptions to Code.

C. Minnesota Plumbing Code – Rulemaking – The Plumbing Board is not currently in a rulemaking process.

## **VII. Complaints**

There was one complaint submitted to the Board, which was referred to Charlie Durenburger, who heads the Enforcement Division at the Department of Labor and Industry.

## **VIII. Open Forum**

Open Forum was not available due to time constraints.

## **IX. Board Discussion**

There was no further Board discussion.

## **X. Announcements**

- A. Next Regularly Scheduled Meetings:
- i. Tuesday, January 19, 2010, 9:30 a.m. – Minnesota Room, DLI
  - ii. Tuesday, April 20, 2010, 9:30 a.m. – Minnesota Room, DLI
  - iii. Tuesday, July 20, 2010, 9:30 a.m. – Minnesota Room, DLI
  - iv. Tuesday, October 19, 2010, 9:30 a.m. – Minnesota Room, DLI

## **XI. Adjournment**

Justin made a motion, seconded by Sullwold, to adjourn the meeting. The vote was unanimous, and the motion passed. The meeting adjourned at 3:19 p.m.

Respectfully Submitted,

*Jim Gander*

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