



## **MINUTES**

**Alternate Waste Sizing Task Group - Meeting #4**  
**Thursday, February 24, 2022 from 10:00AM – 11:30AM (PT)**

<https://iapmo-org.zoom.us/j/87480265353>

**Meeting ID:** 874 8026 5353

**Members Present:**

Todd Kuchta (Chair)  
James Kemper  
John Lansing  
Markus Lenger  
James Majerowicz

**Representation:**

Self  
City of LA Department of Water and Power  
PAE Consulting Engineers  
CleanBlu Innovations Inc  
Plumbers' Joint Apprenticeship Committee L.U. 130, U.A.

**IAPMO Staff Present:**

Taylor Duran  
Hugo Aguilar  
Dan Cole  
Pete DeMarco  
Enrique Gonzalez  
Zalmie Hussein  
Christoph Lohr  
Joshua Luo

**Title:**

Staff Liaison  
V.P. of Codes & Standards Development  
Sr. Director of Technical Services  
Executive V.P. of Advocacy, Research, and Program Development  
Plumbing Code Development Administrator  
Mechanical Code Development Administrator  
V.P. of Strategic Initiatives  
Project Engineer

**Observers Present:**

April Trafton

**Representation:**

Donald F. Dickerson Associates Inc

- I. Call to Order.** The Chair, Todd Kuchta, called the meeting to order on Thursday, February 24, 2022, at 10:02 AM (PT).
- II. Roll Call and Self-Introductions.** Taylor Duran welcomed the Task Group, took roll, and asked members to state their representation.
- III. Code of Conduct.** See page 42 of the [IAPMO Guide for Conduct Policy](#). Taylor Duran reviewed the IAPMO Guide for Conduct Policy.
- IV. Conflict of Interest.** See below for the IAPMO Conflict of Interest Policy. Taylor Duran reviewed the IAPMO Conflict of Interest Policy.
- V. Review and approval of the Agenda.** The Chair, Todd Kuchta, asked for approval of the agenda. The motion was made and seconded to approve the agenda. The motion passed.

- VI. Review and approval of the February 8, 2022 Meeting Minutes.** The Chair, Todd Kuchta, asked for approval of the February 8, 2022 Meeting Minutes. The motion was made and seconded to approve the minutes. The motion passed.
- VII. Scope of the Task Group.** Taylor Duran reviewed the Task Group scope as follows:  
*The scope of this task group is to develop provisions for alternate sizing of waste side piping as was achieved with the alternate water supply sizing provisions previously published within WE-Stand. The recommendations provided by the task group will be forwarded to the WE-Stand Technical Committee for consideration in the development of the 2023 edition of the WE-Stand.*
- VIII. Goals for the meeting.**
- A. Present a summary of the Plumbing Efficiency Research Coalition's (PERC) studies.  
Pete DeMarco presented a summary of the PERC studies.
- B. Review submitted source documents.  
**The Task Group reviewed submitted source documents and agreed to address the following topics in the Task Group Report:**
- Pressure and gravity systems function differently, and the WDC cannot be used for gravity systems.
    - The WDC is not suitable for predicting flow rates in a non-pressurized wastewater collection system.
    - Using a method of probabilities would only predict the concurrence of fixtures discharging at the same time into the drainage system.
  - Additional empirical data is required to accurately determine the actual outflow of buildings.
  - Accepted engineering data currently indicates that lower flow within larger piping causes drain line problems, and pipe sizing needs to be reduced.
    - Reference specific engineering data.
    - Note other factors which affect blockages in drain lines.
  - Focus on pipe sizes 6 inches or larger.
  - Include the comparison of sizing methods provided by John Lansing.
- C. Assign action items.  
Based on the above list of agreed topics, the Task Group is to draft language to include in the Task Group Report.
- The due date for action items is **March 20, 2022.**
- D. Address additional questions and concerns. **None.**
- IX. Future meetings.** The next meeting will be scheduled for the week of March 21, 2022.
- X. Other business.** **None.**
- XI. Adjourned.** The meeting was adjourned at 11:33 AM (PT).