



## **MINUTES**

**Direct Potable Water Reuse Task Group - Meeting #2**  
**Monday, December 6, 2021 from 9:00AM – 10:30AM (PT)**

<https://iapmo-org.zoom.us/j/83283953777>

**Meeting ID: 832 8395 3777**

**Members Present:**

Markus Lenger (Chair)  
Amanda Rodriguez  
Tracy Strahl  
Kyle Thompson

**Representation:**

CleanBlu Innovations Inc  
Kohler Co.  
Water Quality Association (WQA)  
Plumbing Manufacturers International (PMI)

**IAPMO Staff Present:**

Taylor Duran  
Enrique Gonzalez  
Zalmie Hussein

**Title:**

Staff Liaison  
Plumbing Code Development Administrator  
Mechanical Code Development Administrator

- I. Call to Order.** The Chair, Markus Lenger, called the meeting to order on Monday, December 6, 2021 at 9:12AM (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, Markus Lenger, 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 November 12, 2021 Meeting Minutes.** The Chair, Markus Lenger, asked for approval of the November 12, 2021 Meeting Minutes. The motion was made and seconded to approve the minutes. The motion passed.
- VII. Scope of the Task Group.** Taylor Costea reviewed the Task Group scope as follows:  
*The scope of this task group is to develop provisions for direct potable water reuse in residential applications and review available technology and methods for improving water*

*quality to allow for direct reuse. 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. Review submitted action items.

**The Task Group reviewed and discussed submitted action items.**

B. Review the slide deck for “Water Reuse in Arizona and Potential Impacts on Premise Plumbing,” by Peter Fox

**The Chair, Markus Lenger, reviewed the slide deck and answered questions from Task Group members. From this discussion, the Task Group determined the following information is to be included in the recommendations:**

- Reliable sterilization
- Performance requirements (parameters) for specific stages of the process system
- Residential system diagrams (single family and small communities)
- System schematics (simple and complex treatment systems)
- Diagram trees for treatment methods
- Automatic operation, maintenance, reporting, and shut-off for private systems

C. Assign action items.

**The Task Group agreed to the following action items:**

- Markus Lenger is to create a flow diagram for treatment systems. Taylor Duran will format the information to comply with IAPMO’s Manual of Style.
- Tracy Strahl is to research and determine size limitations for DPR applications.
- Taylor Duran is to assist with drafting a definition for “direct potable water reuse” and locate current sections of the WE-Stand pertaining to disinfection and treatment systems.

**The due date for submission of action items is January 5, 2022.**

D. Address additional questions and concerns. *None.*

**IX. Future meetings.** The next meeting will be held between January 11, 2022 and January 14, 2022. Taylor Duran will send out a doodle poll for the next meeting.

**X. Other business.** *None.*

**XI. Adjourned.** The meeting was adjourned at 10:28AM (PT).