



## **MINUTES**

**Direct Potable Water Reuse Task Group - Meeting #9**  
**Tuesday, December 13, 2022, from 11:00 AM - 1:00 PM (PT)**

<https://iapmo-org.zoom.us/j/85116764424>

**Meeting ID: 851 1676 4424**

<b>Members Present:</b>	<b>Representation:</b>
Markus Lenger (Chair)	CleanBlu Innovations Inc
Bob Boulware	Design-Aire Engineering, Inc
Ronald George	Plumb-Tech Design & Consulting Services, LLC
Bill Hoffman	H.W. Hoffman and Associates, LLC
James Kemper	City of LA Department of Water and Power
Todd Kuchta	Self
Pat Lando	Recode
Bob Neff	Delta Faucet
Thomas Pape	Alliance for Water Efficiency
<b>IAPMO Staff Present:</b>	<b>Title:</b>
Taylor Duran	Staff Liaison
Dan Cole	Sr. Director of Technical Services
Enrique Gonzalez	Sr. Plumbing Code Development Administrator
Christoph Lohr	V.P. of Strategic Initiatives
Stuart Mann	Product Review Engineer, MWS – Water Systems

- I. Call to Order.** The Chair, Markus Lenger, called the meeting to order on Tuesday, December 13, 2022, at 11:05 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, 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 29, 2022, Meeting Minutes.** The Chair, Markus Lenger, asked for approval of the November 29, 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 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 the timeline for completion of task group recommendations.  
Taylor Duran reviewed the timeline for completion of task group recommendations. The “Call for Comments” is open from October 7, 2022 to January 13, 2023.
- B. Continue with review and discussion of 2022 WEstand ROP items pertaining to direct potable water reuse systems.  
The Task Group reviewed all items pertaining to direct potable water reuse systems.
- i. Review submitted action items.  
The Task Group reviewed all submitted action items.
- ii. Review updates to Figure E 104.1.  
The Task Group reviewed the updates to Figure E 104.1 and made additional revisions as needed.
- iii. Review reorganization of Section E 104.0 (System Design).  
The Task Group approved the reorganization of Section E 104.0 (System Design).
- iv. Review newly drafted terminology.  
The Task Group reviewed all terminology, made required revisions, and deleted unnecessary terms.
- C. Address additional questions and concerns.  
**The Task Group agreed to the following action items:**
- Markus Lenger and Bob Boulware are to determine if potable water requirements from rainwater standards can be incorporated.
  - Taylor Duran is to:
    - Update the recommendations and revise Figure E 104.1, and
    - Assist with incorporating potable water requirements where permitted.
  - All members are to review the updated recommendations for discussion at the next meeting.

**IX. Future meetings.** Taylor Duran has sent an invite for the next meeting.  
The final Task Group meeting is scheduled for Tuesday, January 10, 2023 from 11:00 AM – 1:00 PM (PT).

**X. Other business.** None.

**XI. Adjourned.** The meeting was adjourned at 12:54 PM (PT).