



MINUTES

Direct Potable Water Reuse Task Group - Meeting #8
Tuesday, November 29, 2022, from 11:00 AM - 1:00 PM (PT)

<https://iapmo-org.zoom.us/j/84783900881>

Meeting ID: 847 8390 0881

| Members Present: | Representation: |
|-----------------------------|----------------------------------------------|
| Markus Lenger (Chair) | CleanBlu Innovations Inc |
| Bob Boulware | Design-Aire Engineering, Inc |
| Shawn Crawford | Rainwater Management Solutions |
| Alex Fairhart | Personal Water Systems |
| Ronald George | Plumb-Tech Design & Consulting Services, LLC |
| Jim Kendzel | American Supply Association |
| Darrel McMaster | Sustainable Homes Inc. |
| Bob Neff | Delta Faucet |
| Kyle Thompson | Plumbing Manufacturers International (PMI) |
| | |
| IAPMO Staff Present: | Title: |
| Taylor Duran | Staff Liaison |
| Dan Cole | Sr. Director of Technical Services |
| Enrique Gonzalez | Sr. Plumbing Code Development Administrator |
| Stuart Mann | Product Review Engineer, MWS – Water Systems |

- I. Call to Order.** The Chair, Markus Lenger, called the meeting to order on Monday, November 29, 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 7, 2022, Meeting Minutes.** The Chair, Markus Lenger, asked for approval of the November 7, 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 and generated recommendations based on the information presented.

ii. Review remaining items with negative comments.

The Task Group reviewed the remaining items with negative comments. All negatives were discussed and resolved via drafted recommendations and substantiations.

iii. Review items without negative comments.

The Task Group reviewed items without negative comments and generated recommendations where appropriate.

C. Address additional questions and concerns.

The Task Group agreed to the following action items:

• Taylor Duran is to:

- Update the list of Task Group recommendations,
- Incorporate “rodentproofing” into Section E 103.0 (System Requirements),
- Redraw Figure E 104.1 to incorporate requested updates,
- Reorganize Section 104.0 and all subsections, and
- Identify industry standards for rainwater storage tanks and treated water for potable use.

• Markus Lenger is to generate a technical substantiation/justification for the revision made to Section E 103.4 (Diverter Valves).

• Ron George is to determine an appropriate turnover rate for storage tanks to recirculate water through the treatment system.
[See Section E 103.3.1 (Turnover Time)]

• All members are to review the updated recommendations and provide feedback for review at the next meeting.

The due date for submission of action items is **December 8, 2022**.

IX. Future meetings. Taylor Duran has sent invites for the remaining meetings.

The next task group meetings are scheduled for the following dates/times:

- Meeting #9 – December 13, 2022 from 11:00 AM –1:00 PM (PT)
- Meeting #10 – January 10, 2023 from 11:00 AM – 1:00 PM (PT)

X. Other business. None.

XI. Adjourned. The meeting was adjourned at 1:06 PM (PT).