



MINUTES

**2022 Water Efficiency & Sanitation Standard
Technical Committee Meeting
IAPMO World Headquarters, Ontario, CA
June 22, 2022 – June 23, 2022**

Members Present

Billy Smith, Chair
Laura Allen
Steve Braband
Charles Campbell
Shawn Crawford
Michael Cudahy
Brian Granger
Jim Kendzel
Gary Klein
John Koeller
Todd Kuchta
Pat Lando
John Lansing
Rick Layton
Markus Lenger
James Majerowicz
David Mann
Cambria McLeod
Avishai Moscovich
Edward Osann
Thomas Pape
Damon Premer
Robert Sewell
Kent Sovocool
Kyle Thompson
Charles White

Alternate Present

Samantha Barnes

IAPMO Staff Present

Hugo Aguilar
Dan Cole
Taylor Duran
Zalmie Hussein
Enrique Gonzalez
Stuart Mann

Representation

American Society of Plumbing Engineers (ASPE)
Greywater Action
BioSolutions Inc.
Topeka Winsupply Co.
Rainwater Management Solutions
Plastic Pipe & Fittings Association
UA Plumbers Local 68
ASA International
Gary Klein & Associates
Koeller & Company
Self
Recode
PAE Consulting Engineers
Haines, Jones & Cadbury
CleanBlu Innovations Inc.
Plumbers Local Union 130 UA
CA State Pipe Trades Council
Kohler Co.
Reed Water
Natural Resources Defense Council (NRDC)
Alliance for Water Efficiency
ACCO
Lescure Company, Inc.
Southern Nevada Water Authority
Plumbing Manufacturers International (PMI)
PHCC-National Association

Representation

Water Quality Association (WQA)

Title

Sr. VP of Code & Standards
Sr. Director of Technical Services
Codes & Standards Technical Code Administrator
Mechanical Code Development Administrator
Sr. Code Development Administrator
Product Review Engineer

Bria Saunders
Alma Ramos

Associate General Counsel
Sr. Manager of Code & Standards

Absent Members

Beverly Potts
Tracy Strahl
Amir Tabakh
Jeff Williams

Representation

Illinois PHCC
Water Quality Association (WQA)
Department of Water & Power
Southern Botanical

- I. Call to Order.** The Chair, Billy Smith, called the Water Efficiency & Sanitation Standard Technical Committee meeting to order on Wednesday, June 22, 2022, at 8:05 AM (PT).
- II. Chairman Comments.** The Chair, Billy Smith, provided a brief introduction and welcomed all those present.
- III. Announcements.** IAPMO staff gave general announcements, discussed committee actions, and reviewed the voting software to be used during the meeting.
- IV. Self-Introductions.** The Chair, Billy Smith, asked for IAPMO staff and all Technical Committee members to introduce themselves and state their representation.
- V. Review and approval of Agenda.** The Chair, Billy Smith, asked for approval of the agenda. The motion was made and seconded to approve the agenda. The motion passed.
- VI. Approval of the September 15, 2021 Meeting Minutes.** The Chair, Billy Smith, asked for approval of the September 15, 2021 Meeting Minutes. The motion was made and seconded to approve the minutes. The motion passed.
- VII. Report of the Alternate Waste Sizing Task Group.** The Chair of the Alternate Waste Sizing Task Group, Todd Kuchta, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- VIII. Report of the Direct Potable Water Reuse Task Group.** The Chair of the Direct Potable Water Reuse Task Group, Markus Lenger, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- IX. Report of the Efficiency Rating Systems Task Group.** The Chair of the Efficiency Rating Systems Task Group, Kent Sovocool, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- X. Report of the Gray Water Ready Plumbing Task Group.** The Chair of the Gray Water Ready Plumbing Task Group, Laura Allen, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- XI. Report of the Onsite Gray Water Treatment Task Group.** The Staff Liaison, Taylor Duran, provided a report on behalf of the Onsite Gray Water Treatment Task Group Chair, David Gordon.

- XII. Report of the Premise Water Supply System Design Task Group.** The Chair of the Premise Water Supply System Design Task Group, Jim Kendzel, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- XIII. Report of the Urine Diversion Systems and Treatment Task Group.** The Chair of the Urine Diversion Systems and Treatment Task Group, Markus Lenger, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- XIV. Report of the Water Efficient Landscaping Task Group.** The Chair of the Water Efficient Landscaping Task Group, Thomas Pape, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- XV. Report of the Water Metering Applications Task Group.** The Chair of the Water Metering Applications Task Group, Thomas Pape, provided a report on the work completed by the task group and provided a brief summary of the submitted recommendations.
- XVI. Review of Code Change Proposals.** The Technical Committee acted on 143 public proposals. Following the meeting, all committee members are to submit their ballot electronically via the Kavi site. The results of the ballots will be published in the Report on Proposals (ROP) to be distributed on September 23, 2022.
- XVII. Other Business.** The Technical Committee requested the Water Efficient Landscaping Task Group, Direct Potable Water Reuse Task Group, and the Premise Water Supply System Design Task Group reconvene to review their respective proposals and generate public comments for Technical Committee consideration. The Direct Potable Water Reuse Task Group is to be expanded to include additional expertise for evaluation and consensus on risk assessment and safety parameters.
- The Technical Committee requested that a new task group be formed to review current titles for alternate water types, which are color-based, and assign new science based titles. Existing terminology for alternate water types is to be reviewed and updated to correlate with determined science based titles.
- XVIII. Next Scheduled Meeting.** The next WE•Stand Technical Committee Meeting will be held in Ontario, California on May 17, 2023 – May 18, 2023.
- XIX. Adjournment.** The meeting was adjourned on Thursday, June 23, 2022, at 4:13 PM (PT).

Respectfully submitted,

Michael Cudahy
Secretary, WE•Stand Technical Committee